

Figure 1

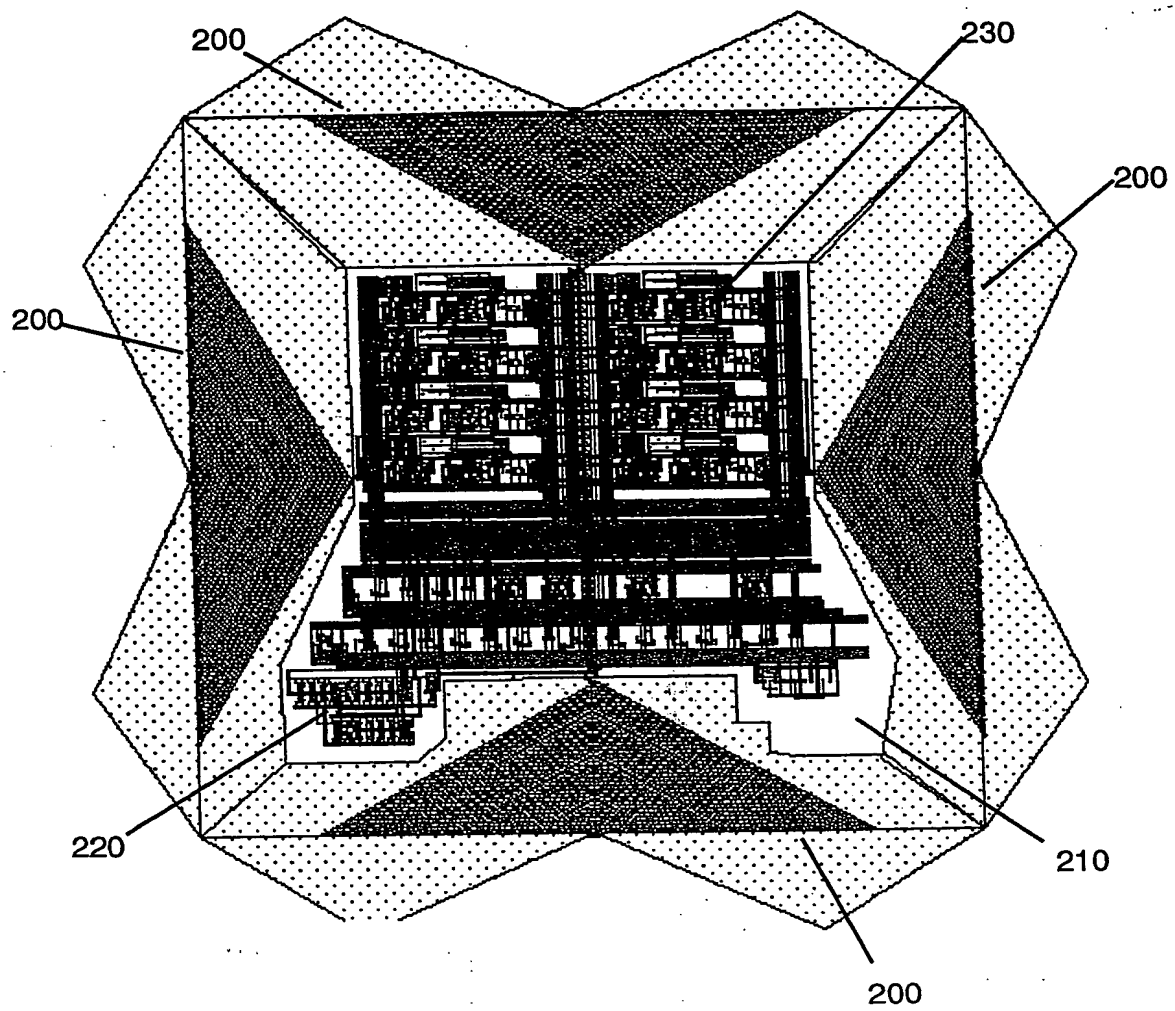


Figure 2

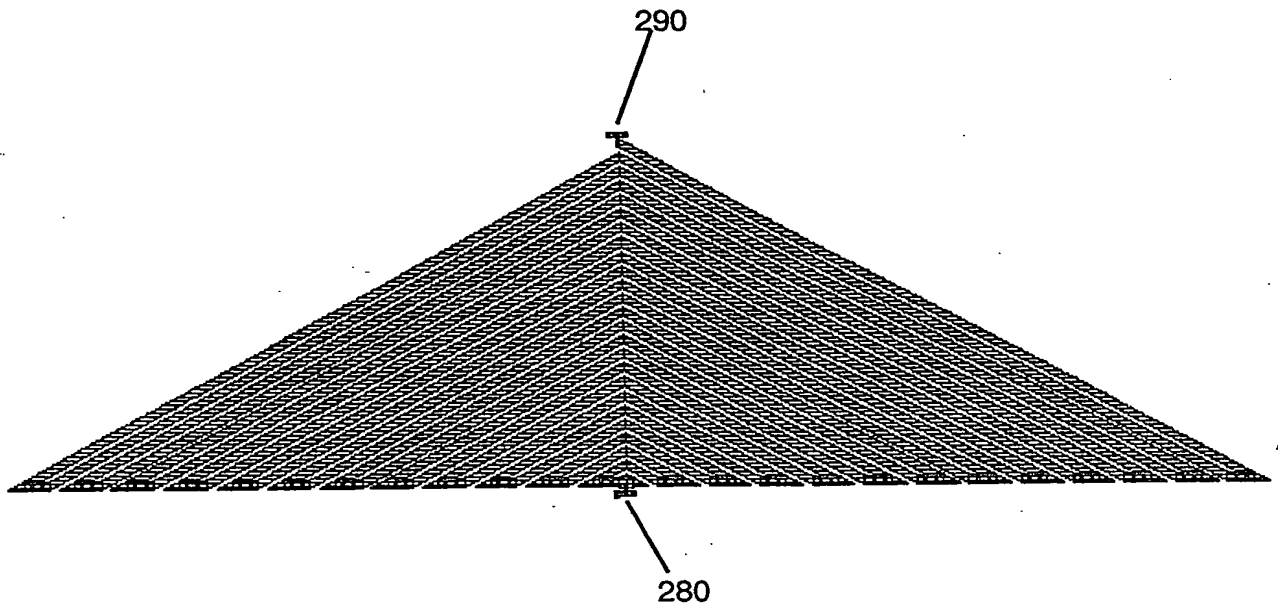


Figure 3

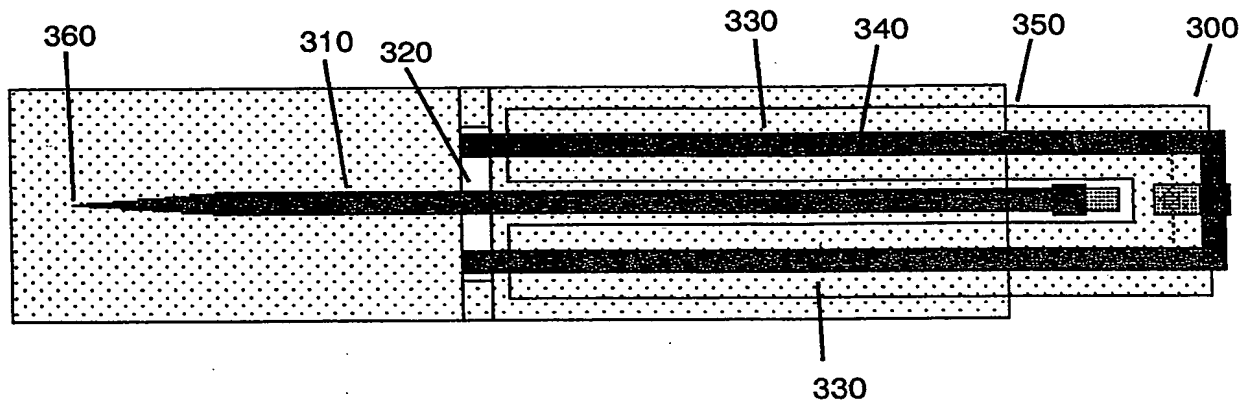


Figure 4

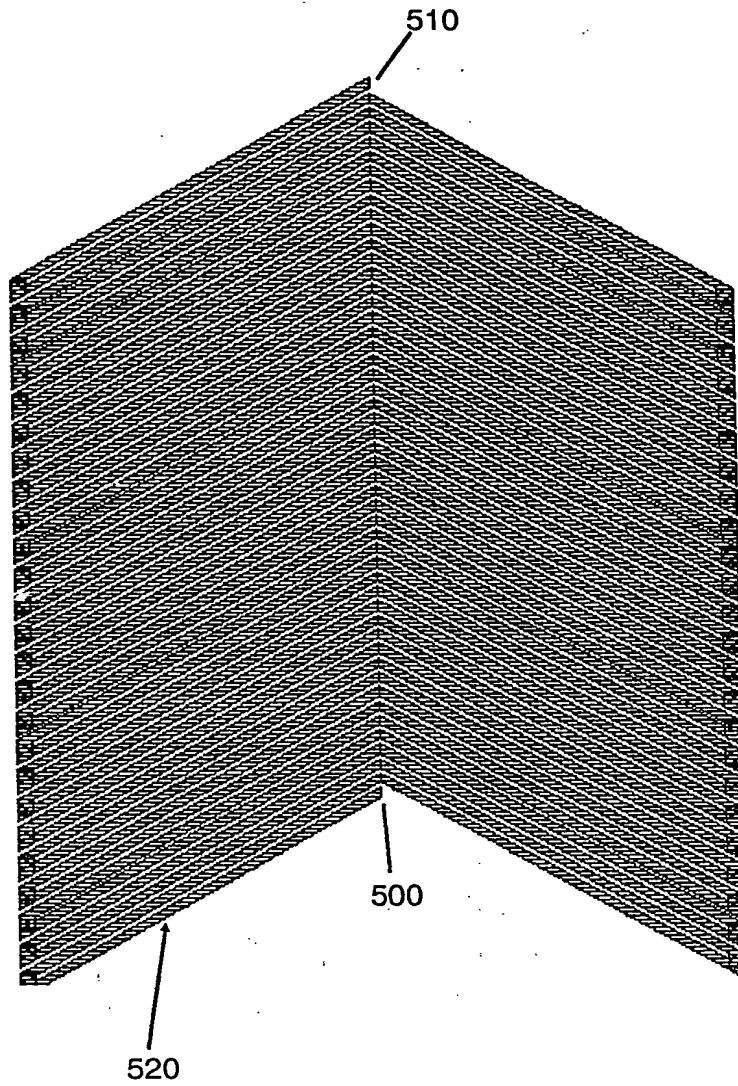


Figure 5

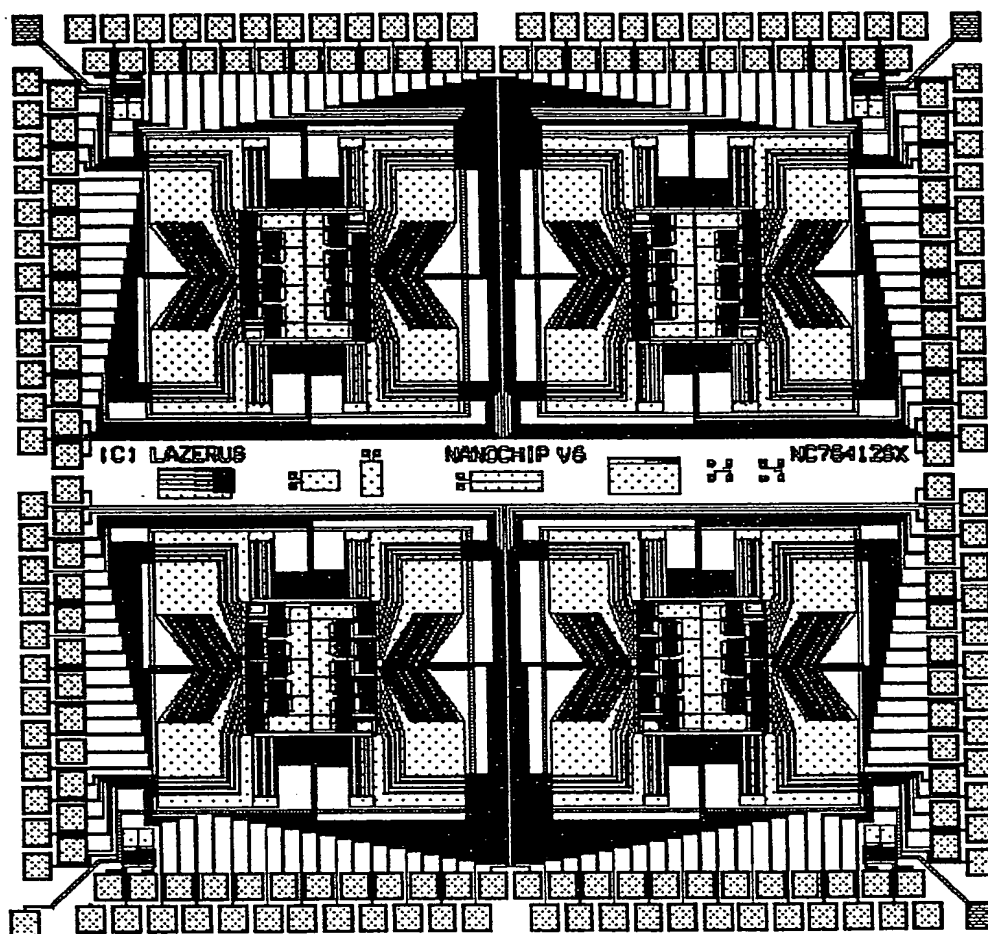


Figure 6

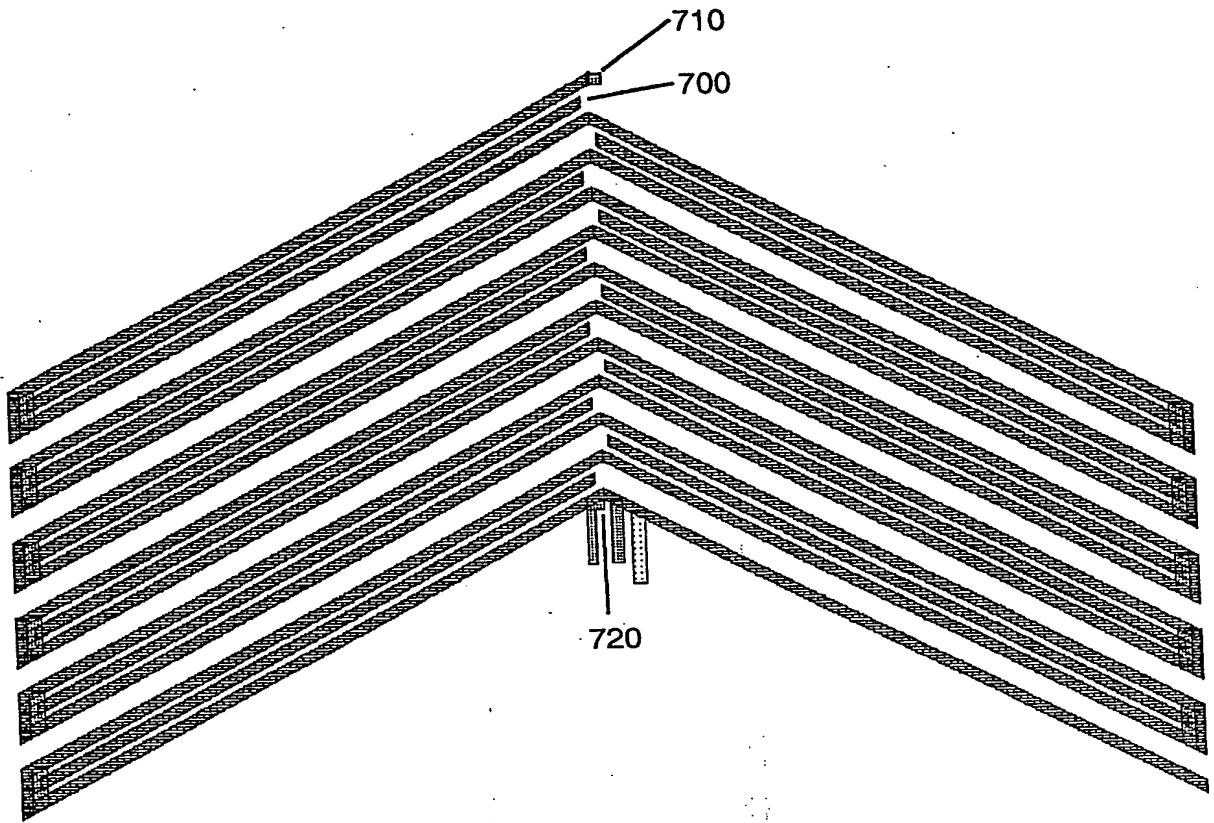


Figure 7

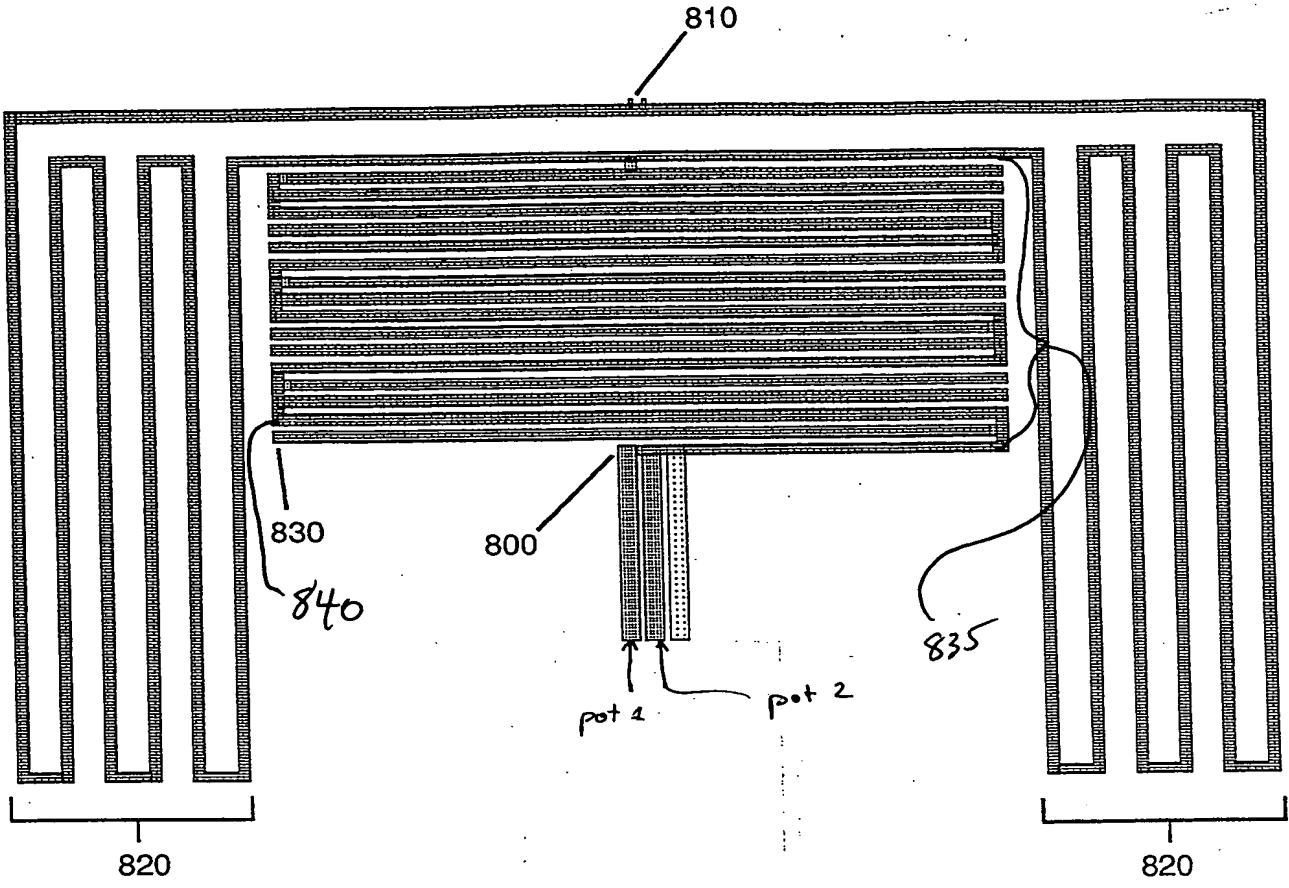


Figure 8

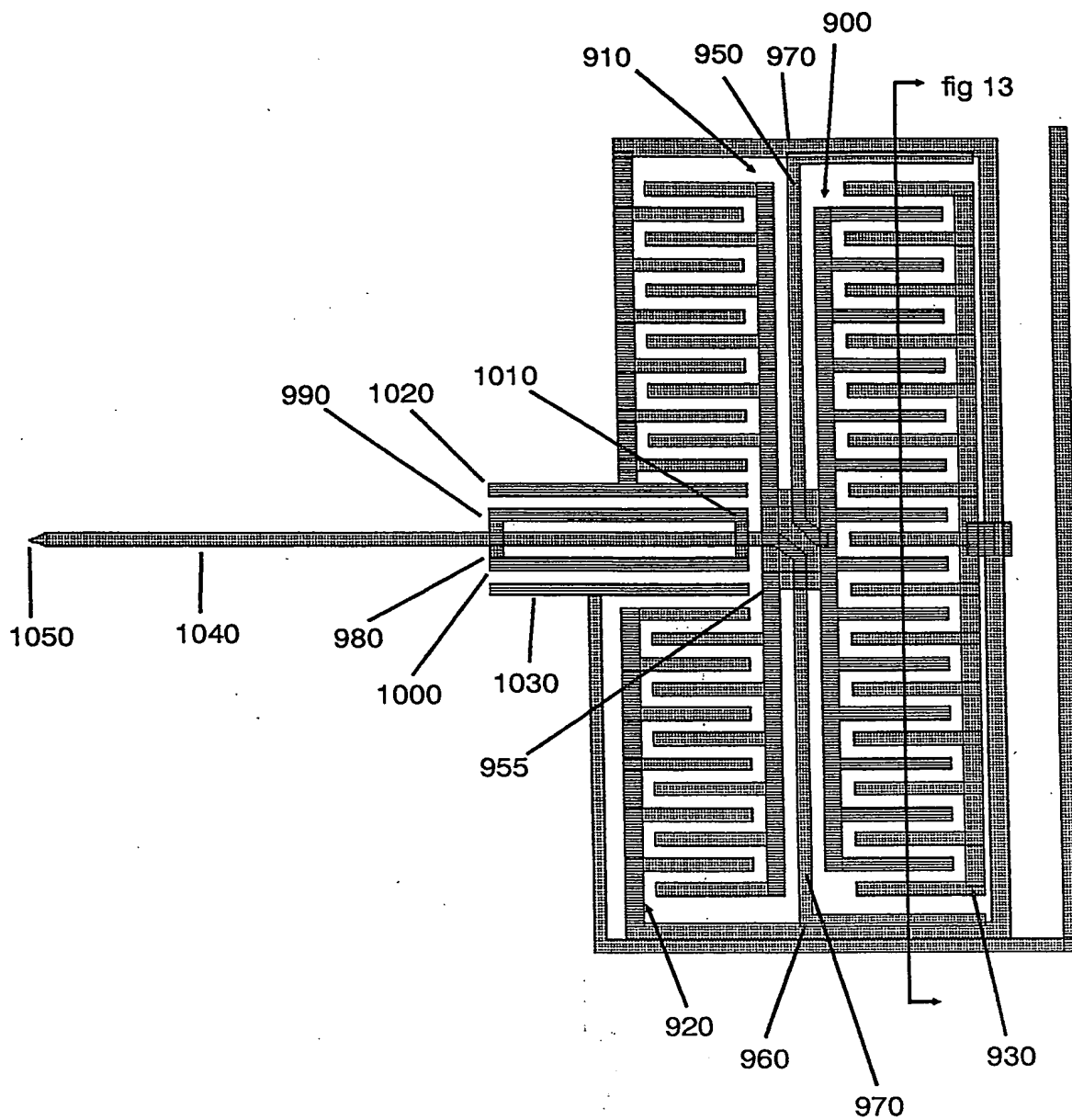


Figure 9

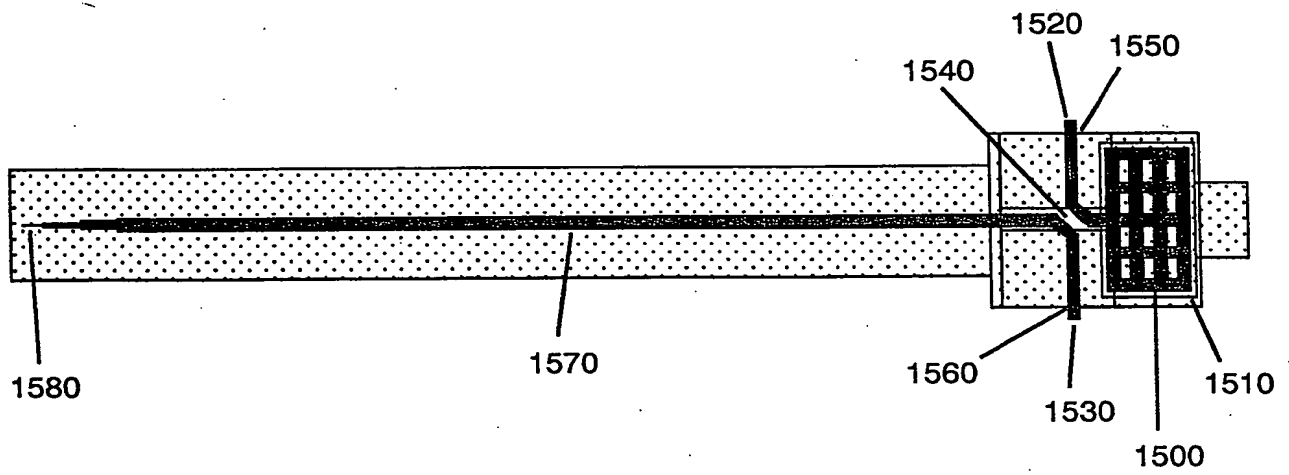


Figure 10

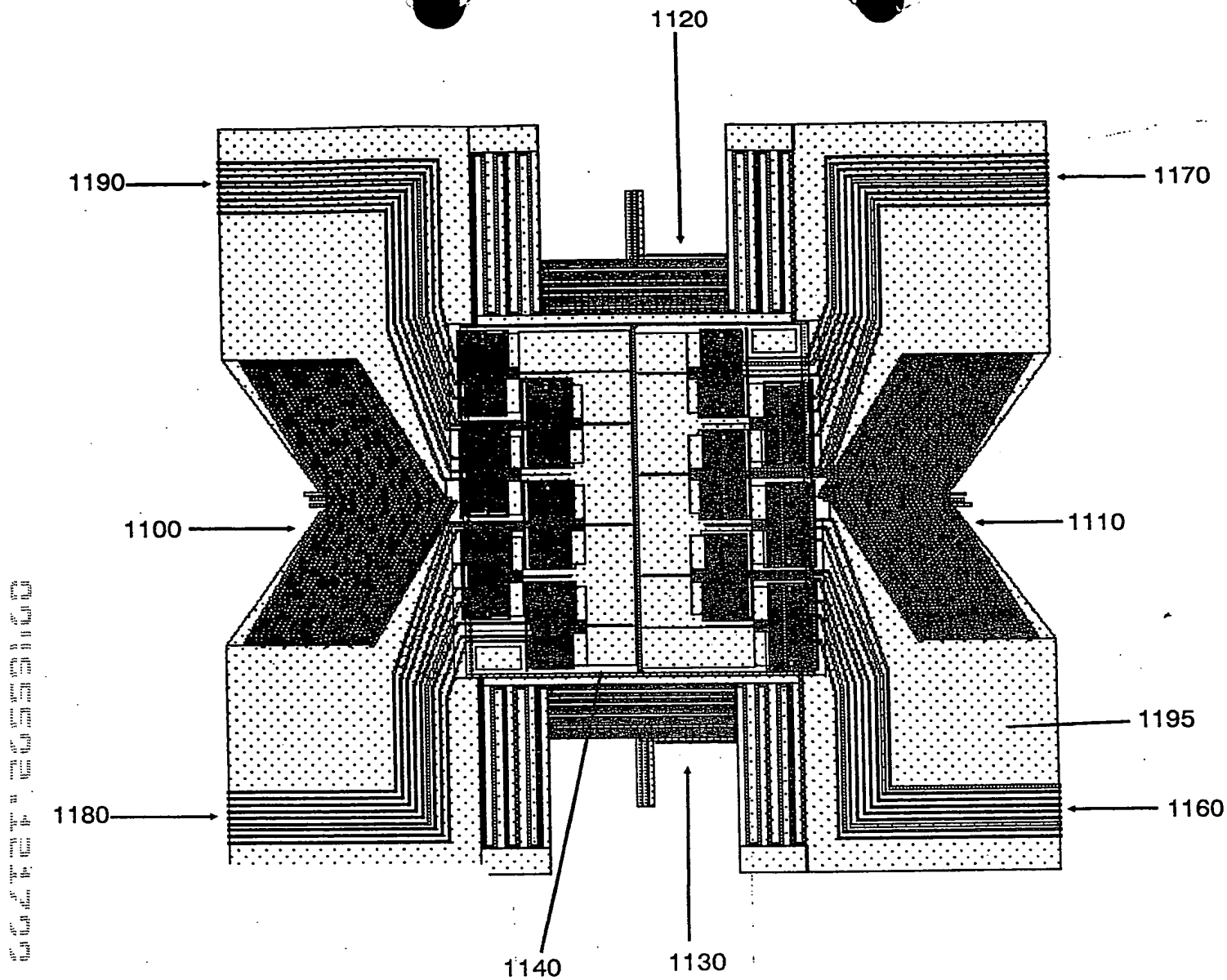


Figure 11

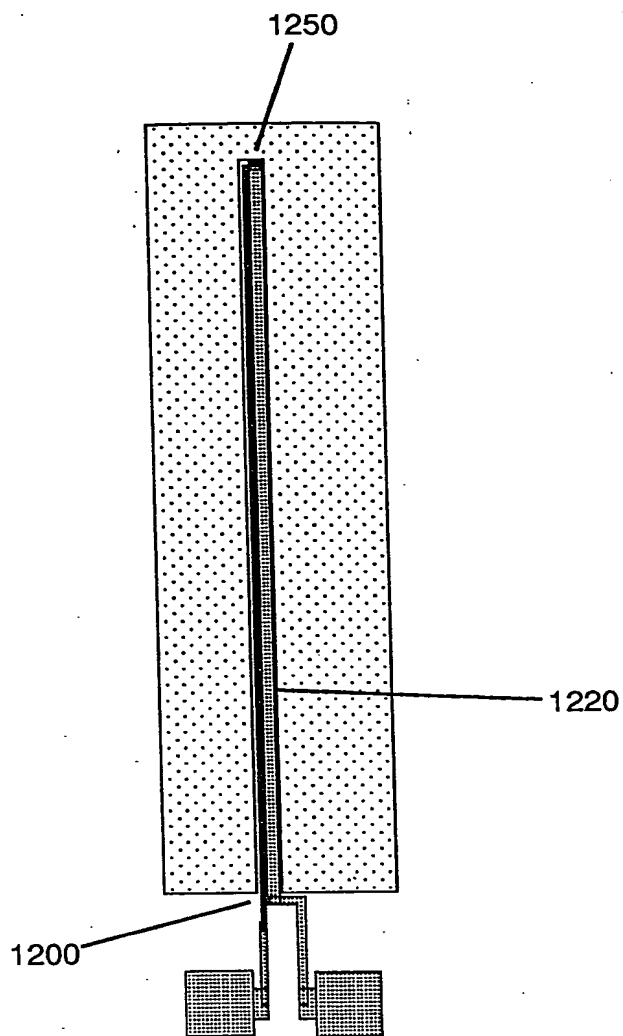


Figure 12

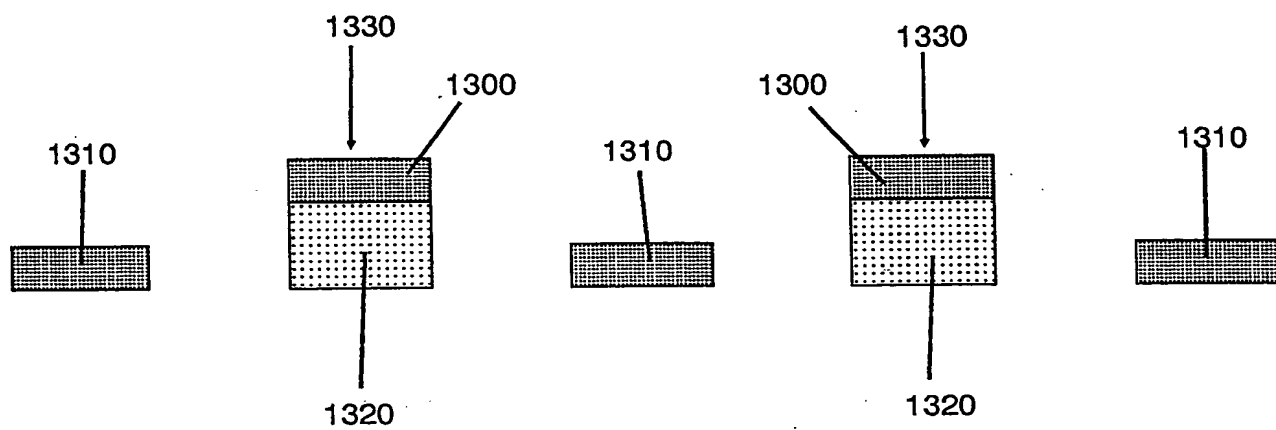


Figure 13

1430 1420 1430 1410 1430 1400 1430

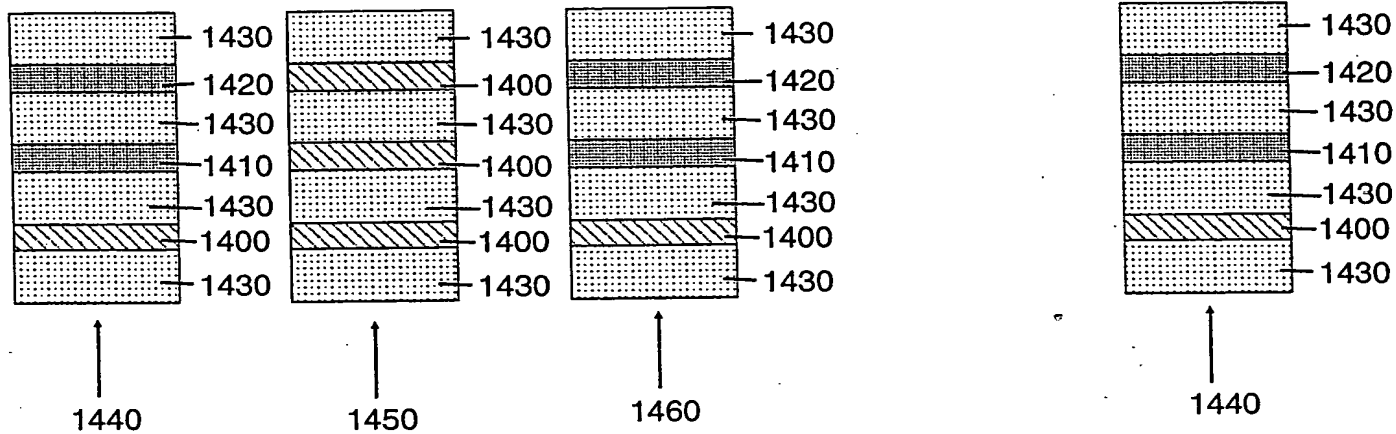


Figure 14

1530

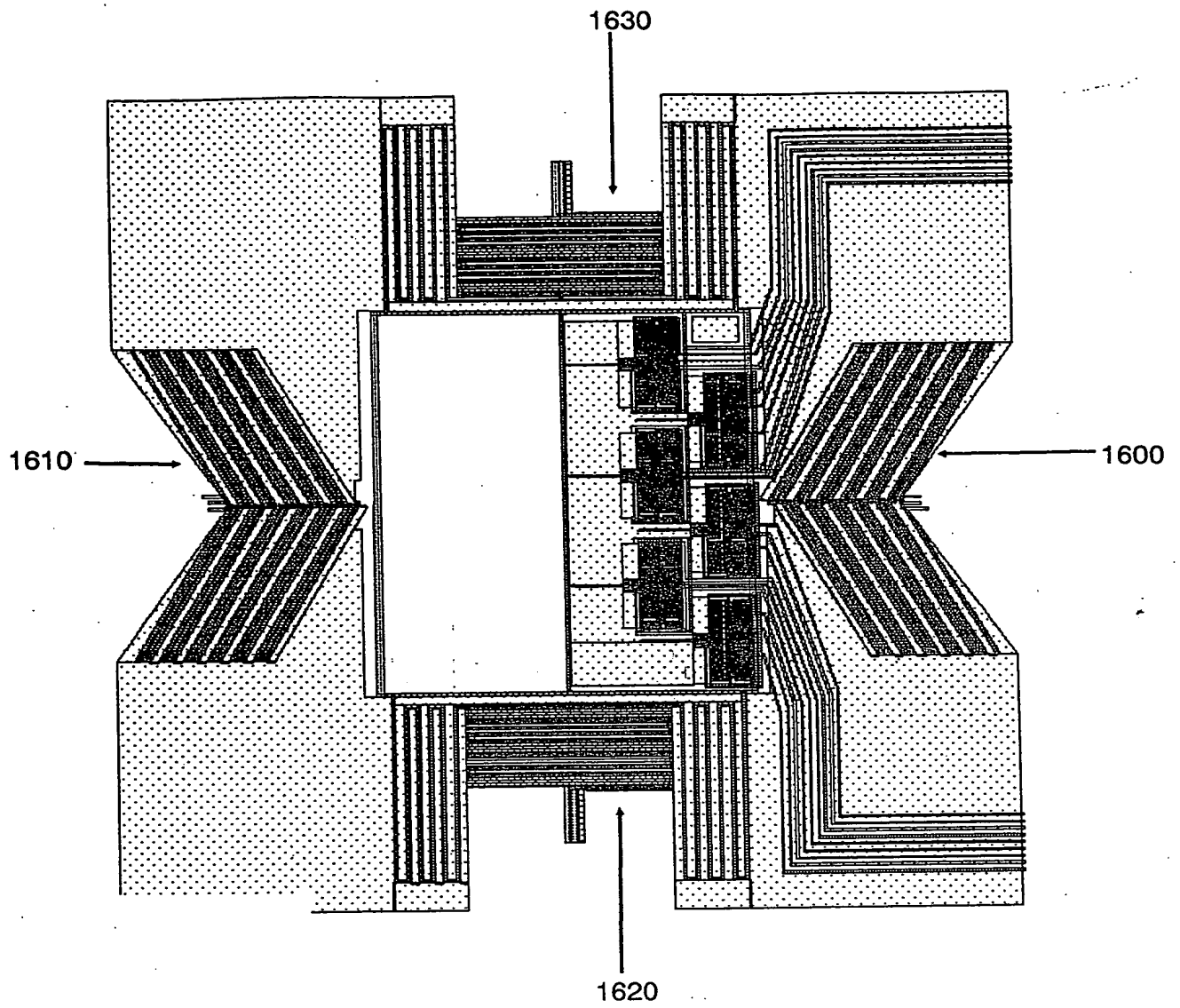


Figure 16

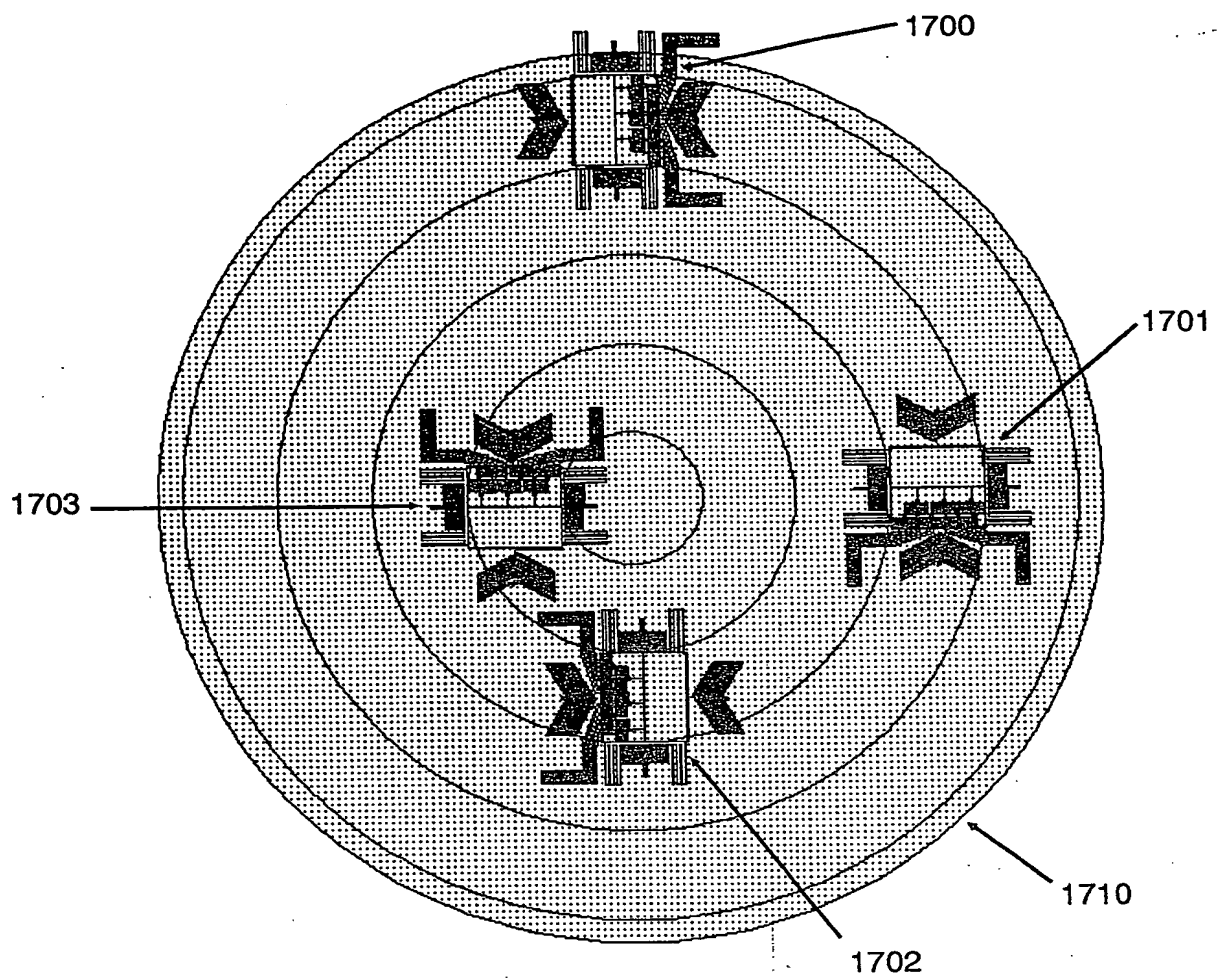


Figure 17

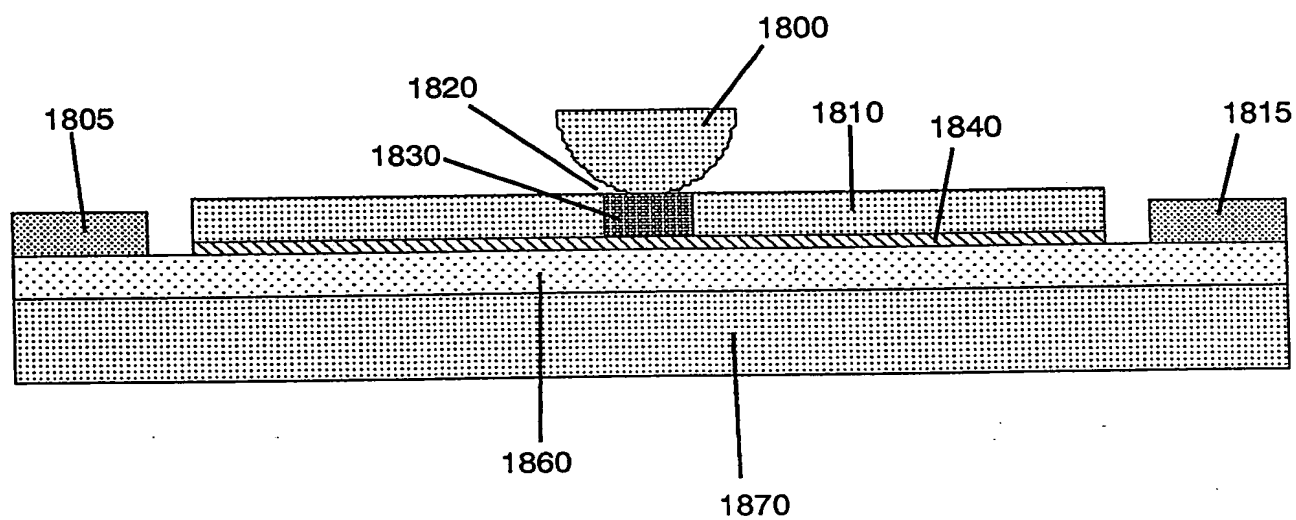


Figure 18

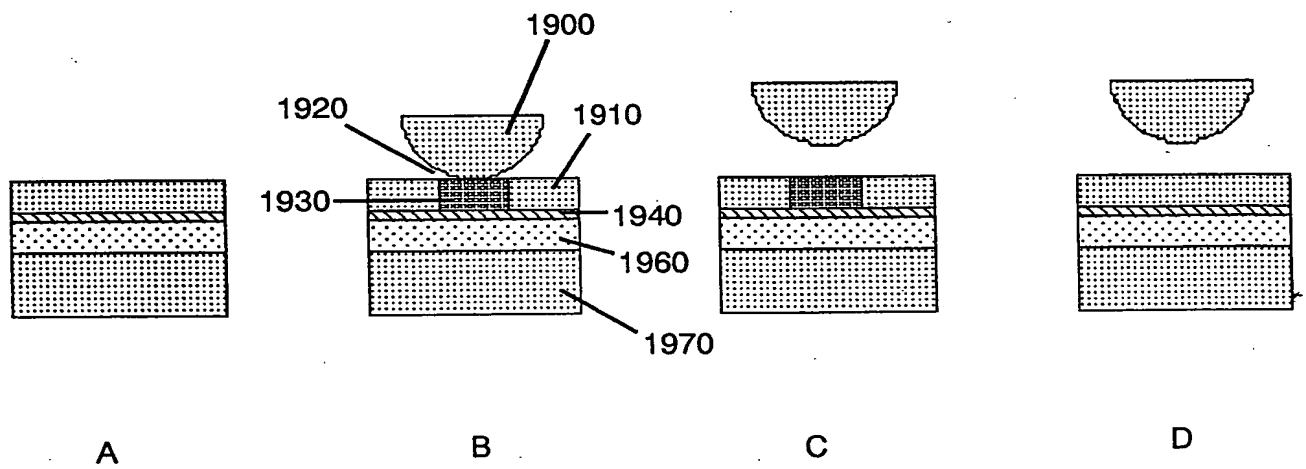


Figure 19

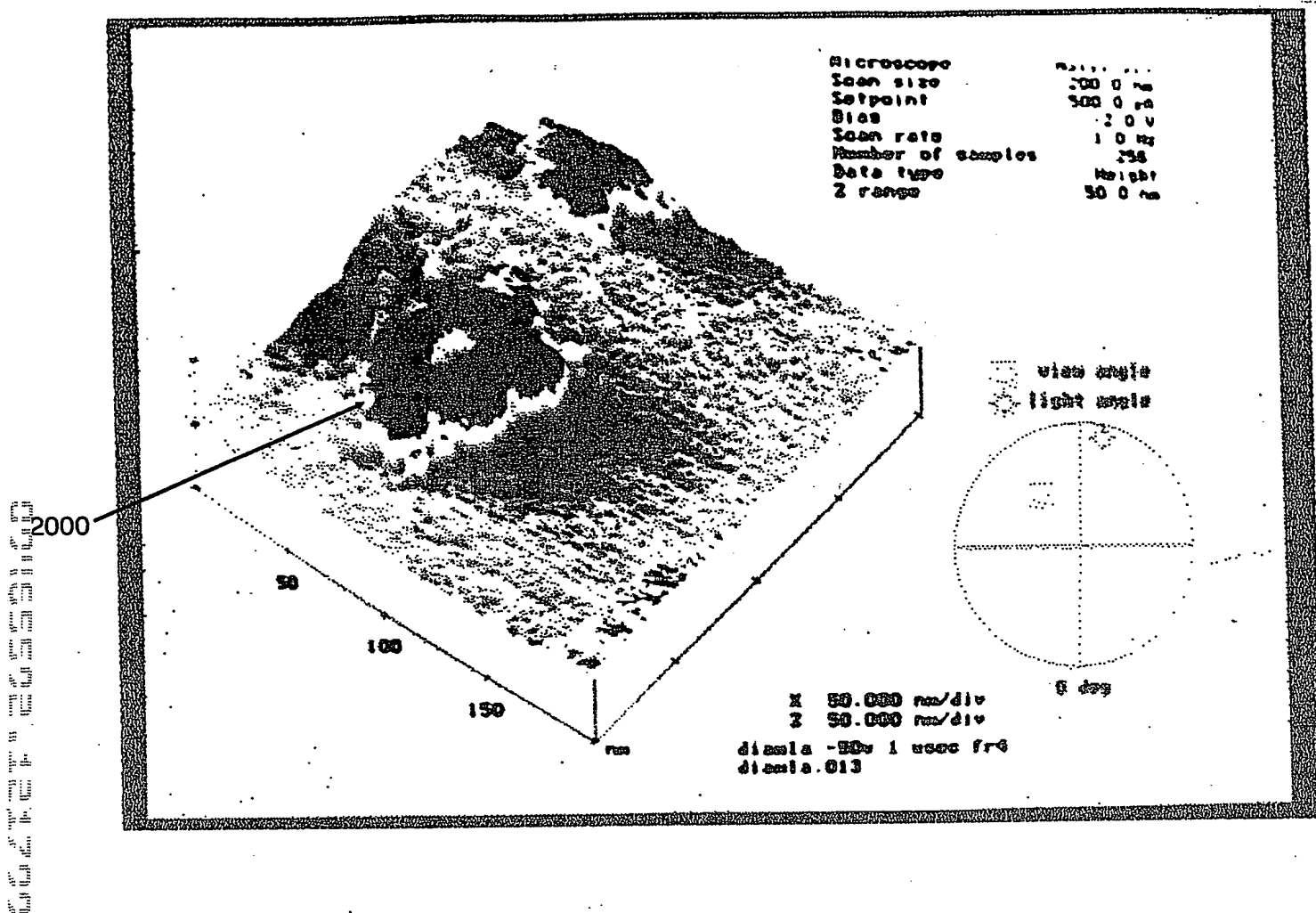


Figure 20

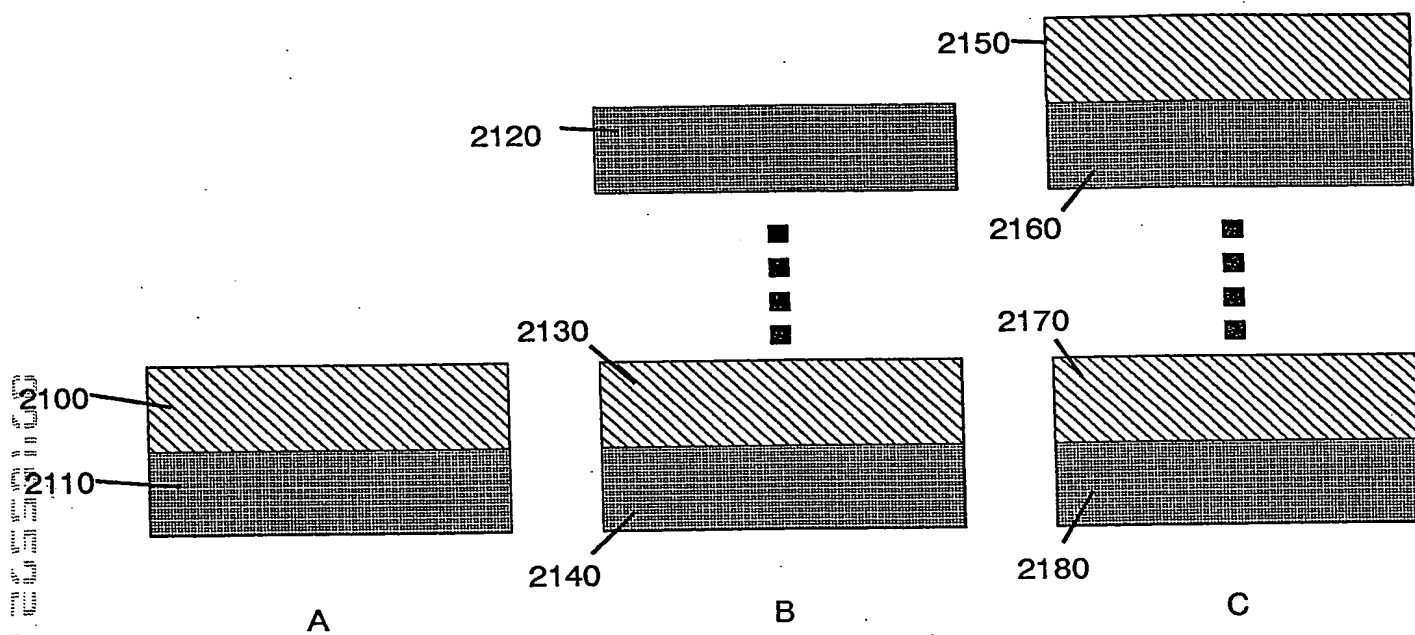


Figure 21

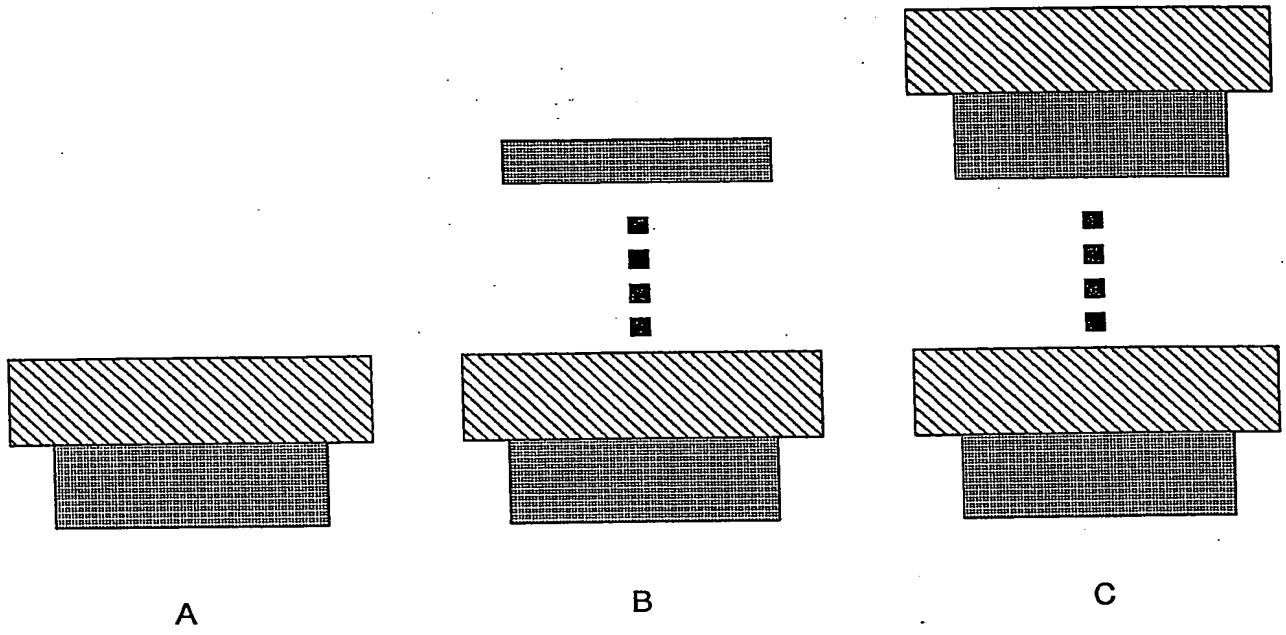


Figure 22

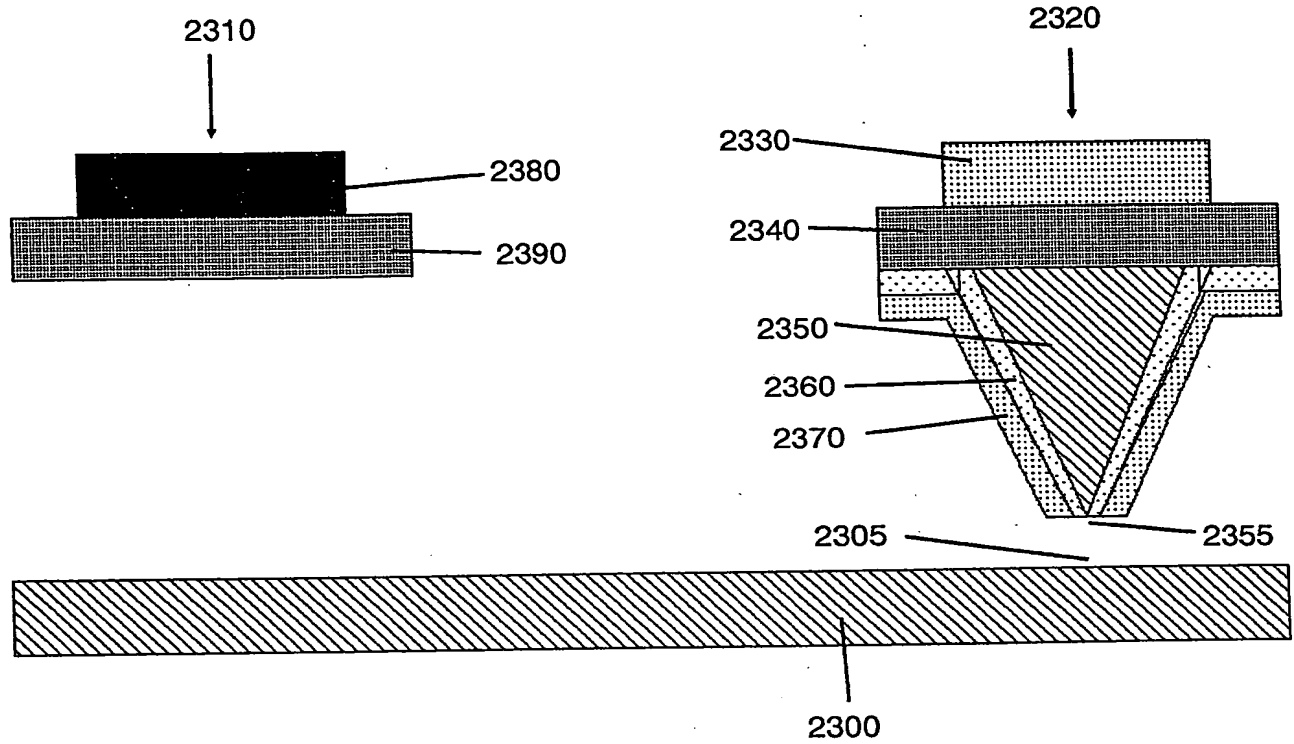


Figure 23

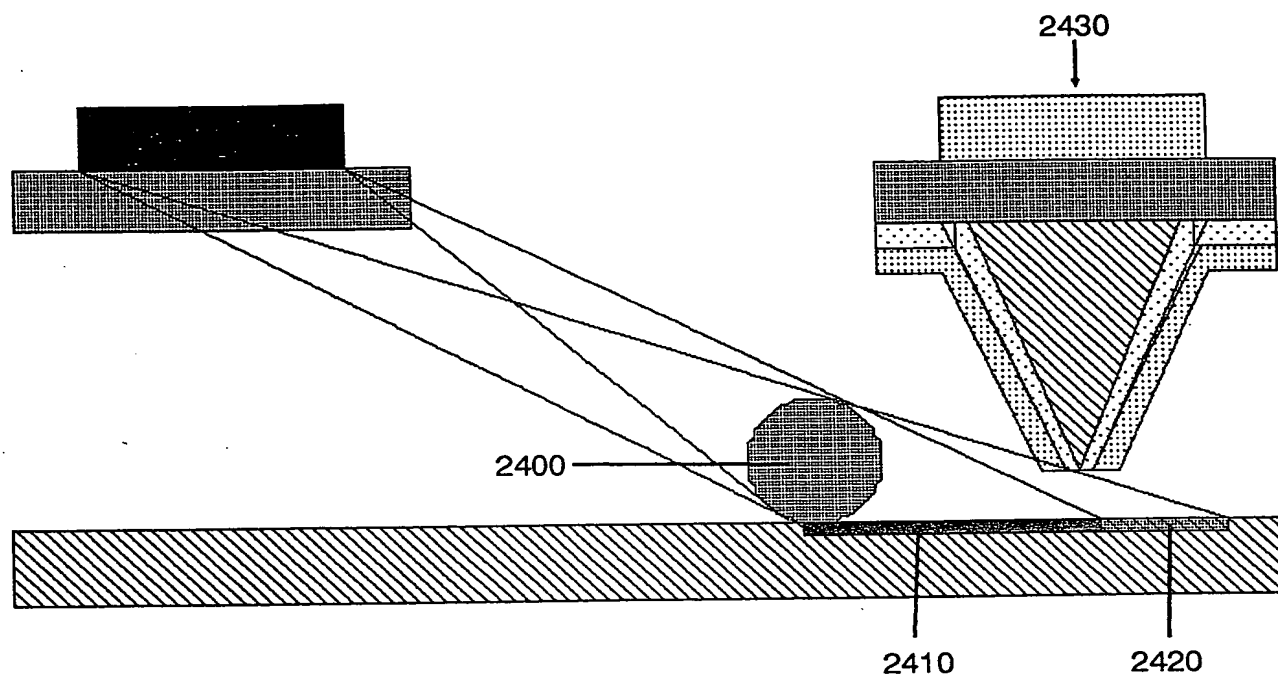


Figure 24

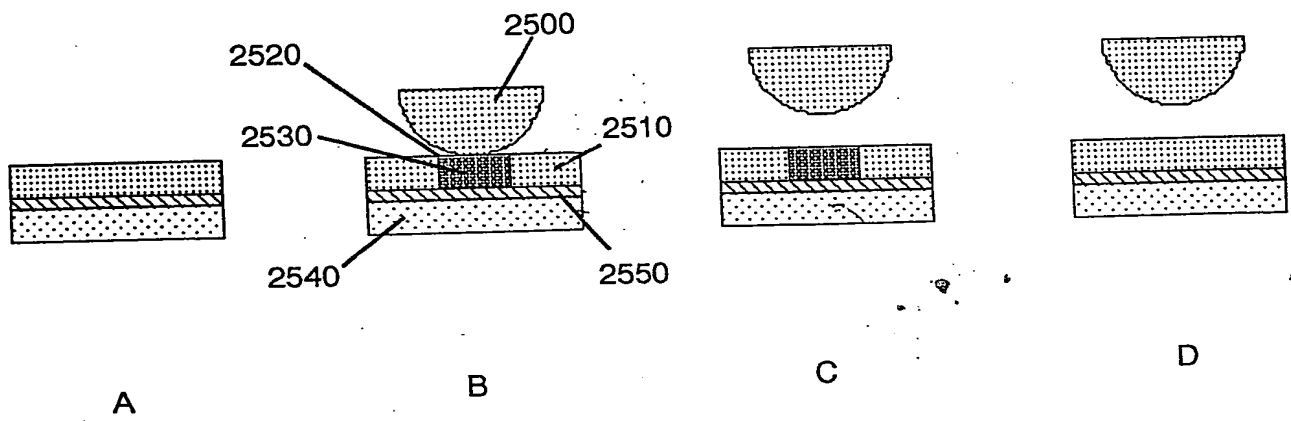


Figure 25

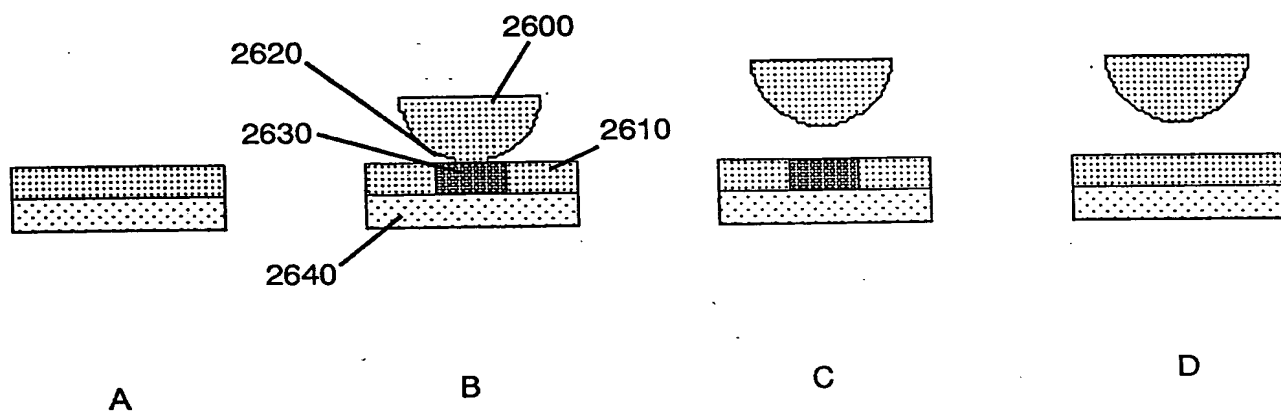


Figure 26

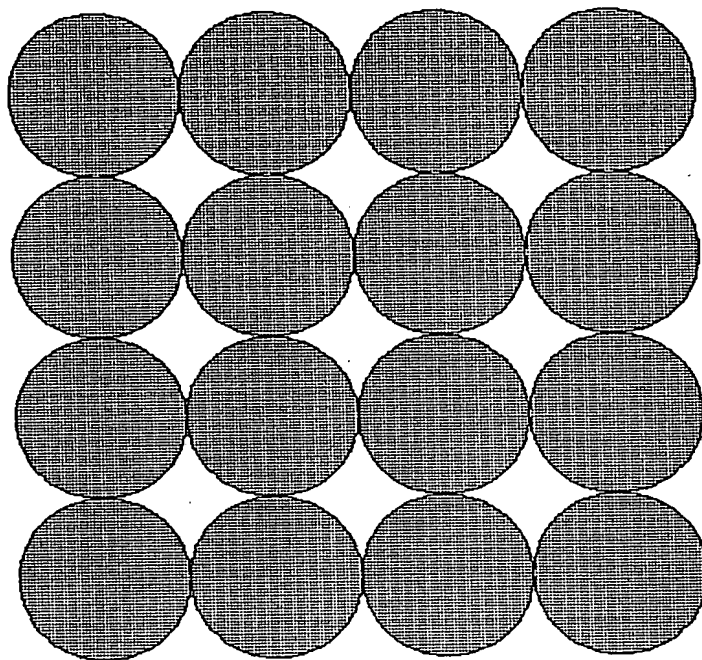


Figure 27

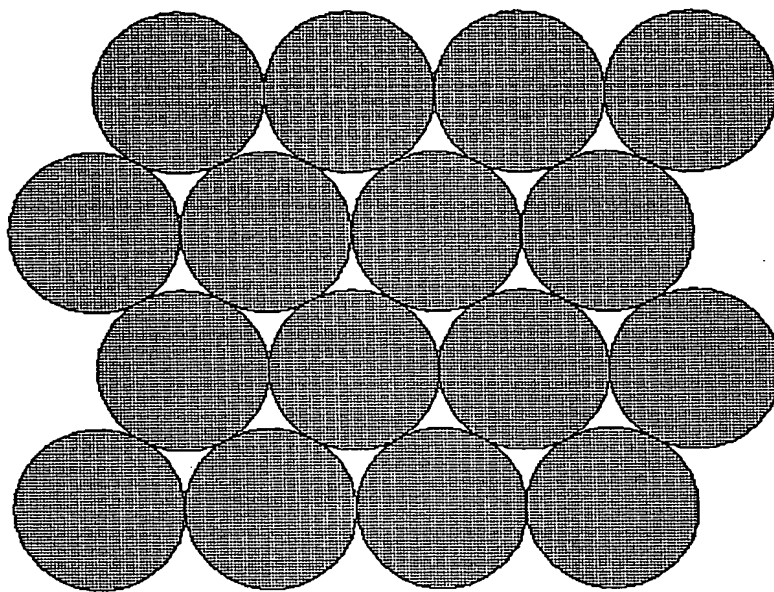


Figure 28

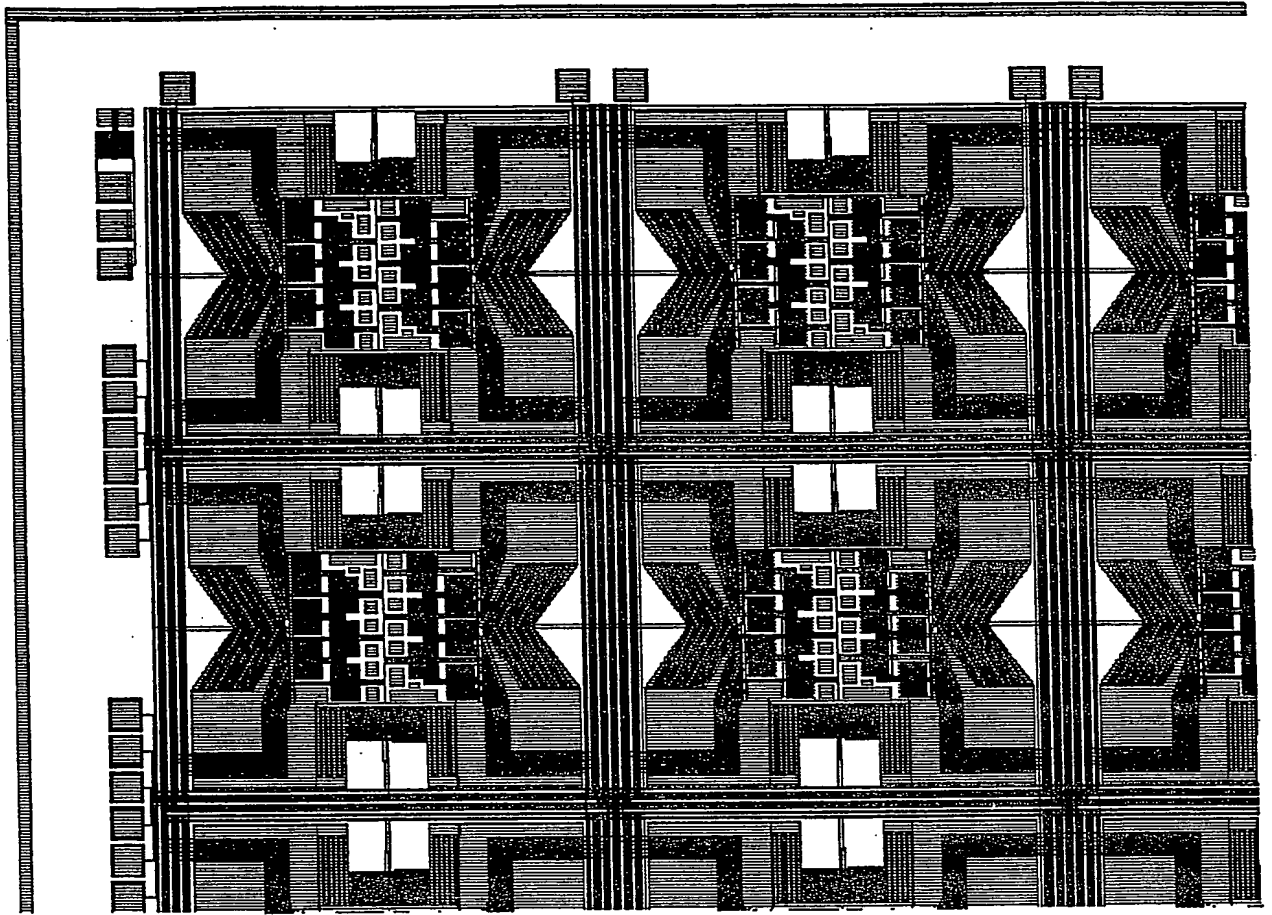


Figure 29

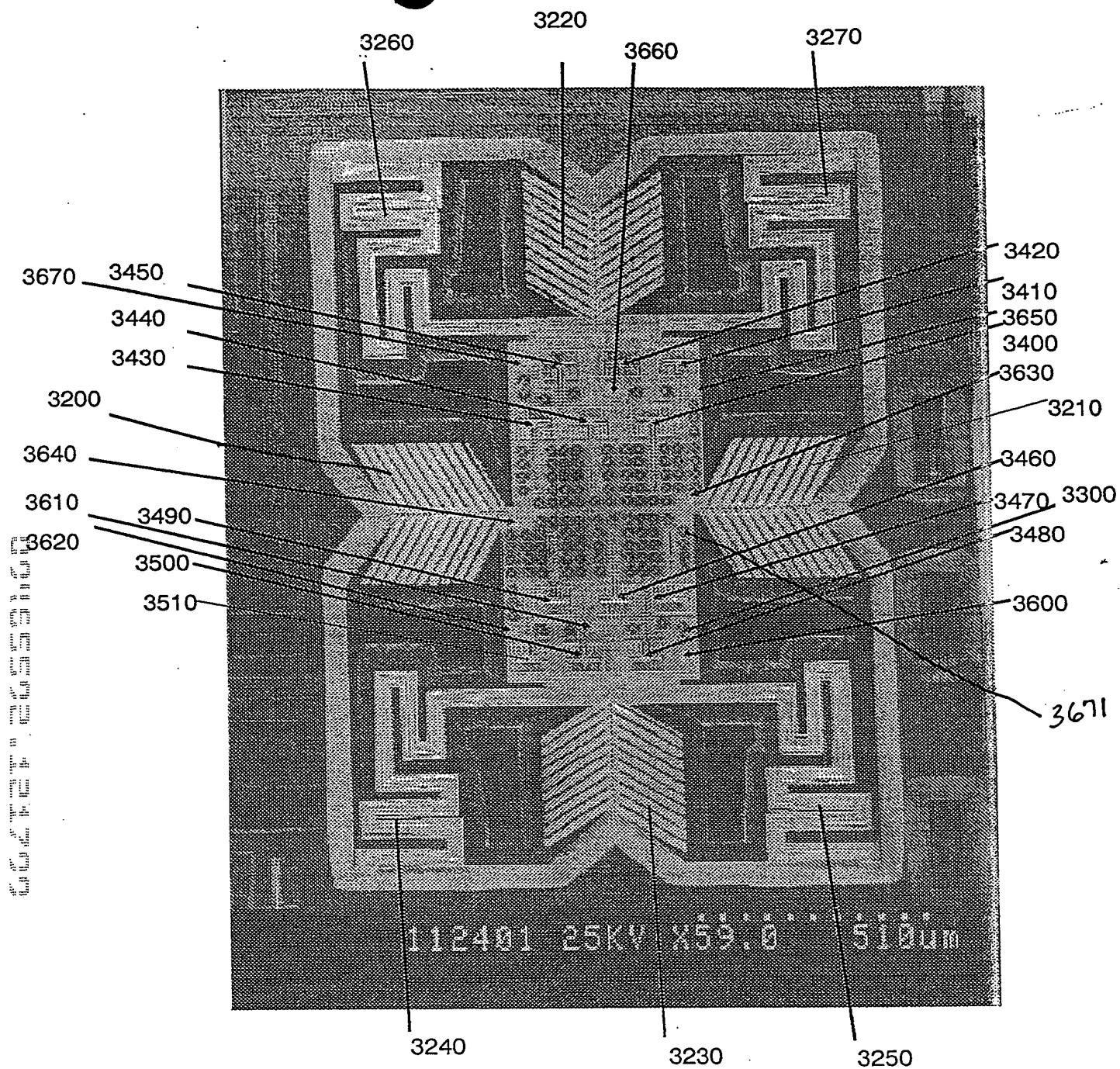


Figure 30

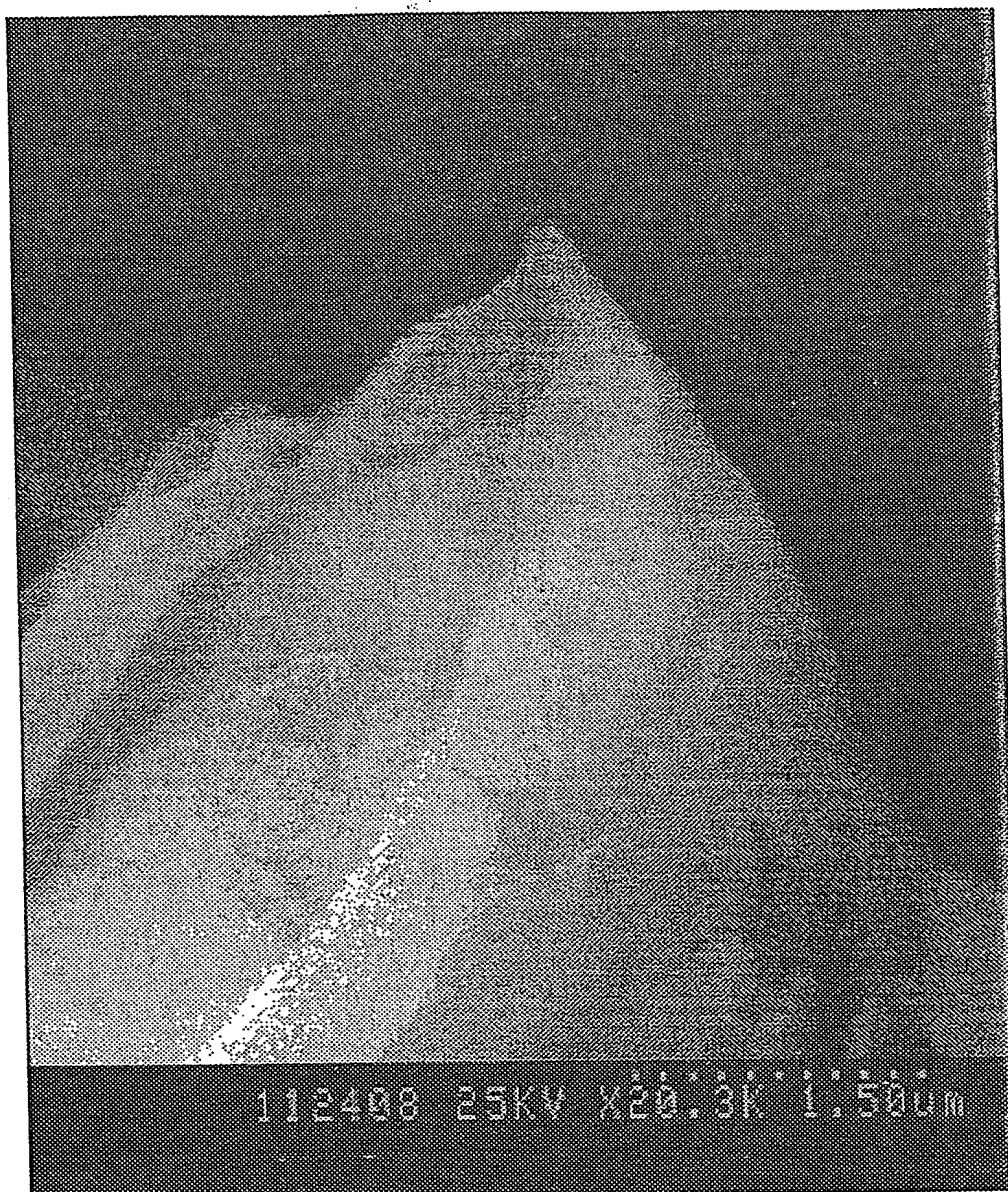


Figure 33

4200

112402 25KV X300 100um

Figure34A

4201

4202

4235

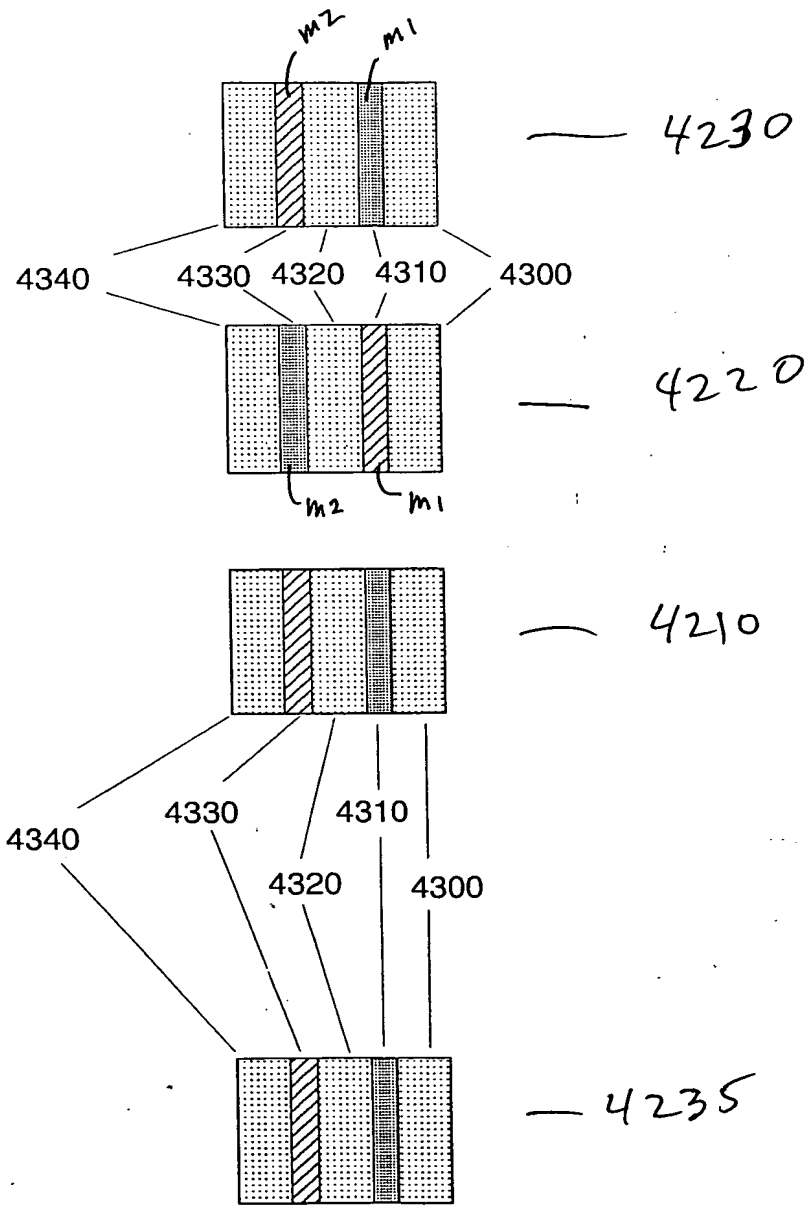


Figure34B

[illegible]

Figure 35

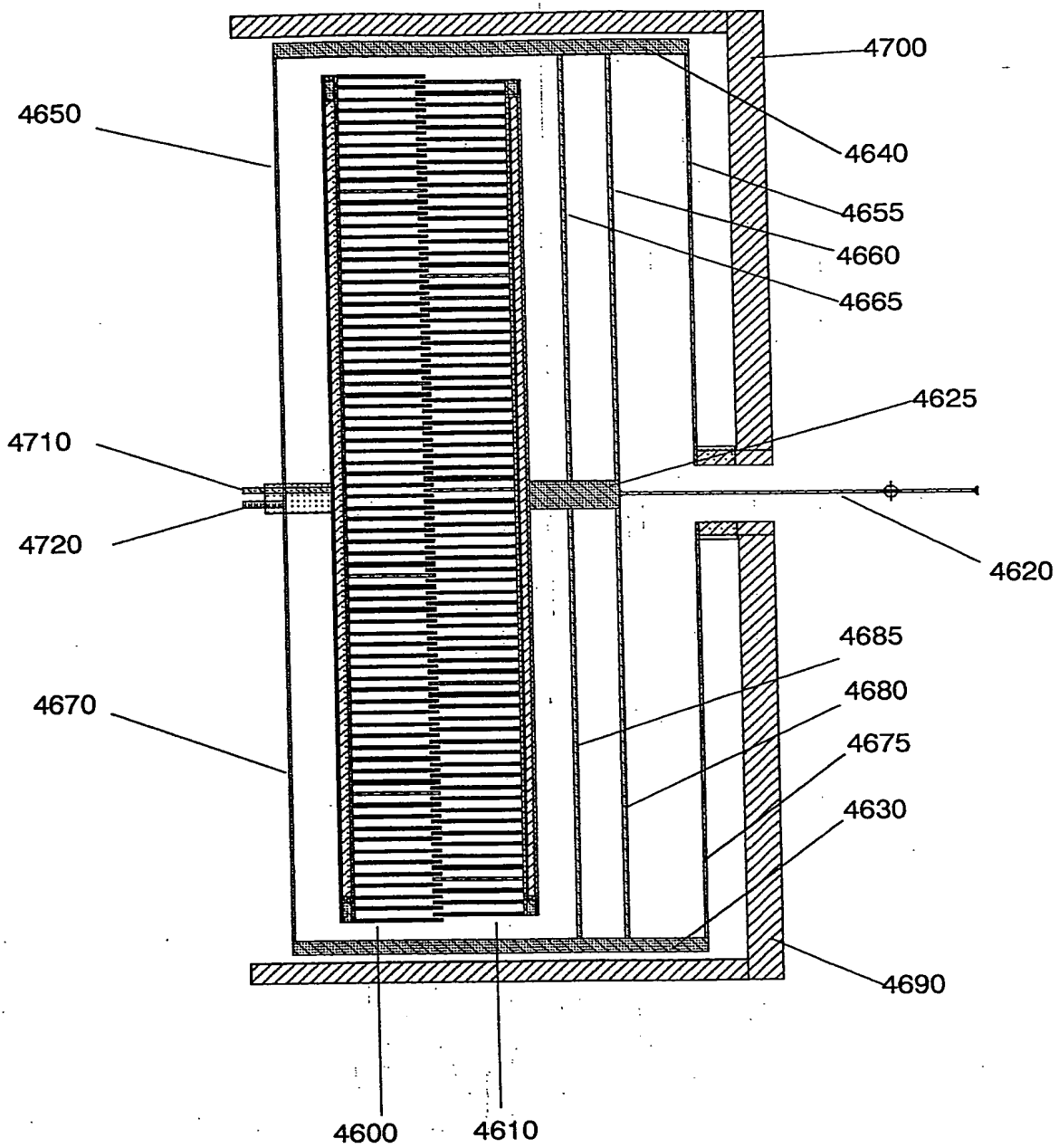


Figure35B

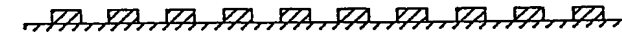
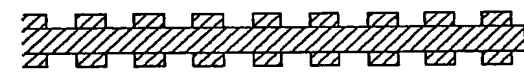
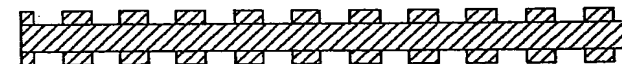
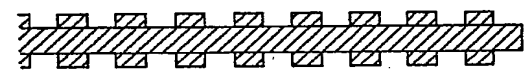
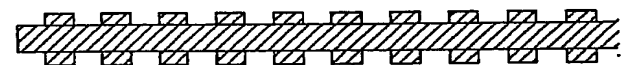
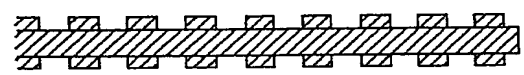
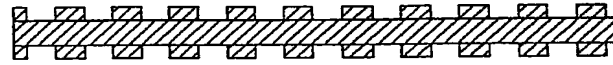
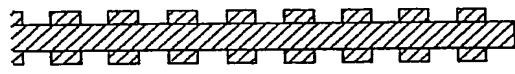
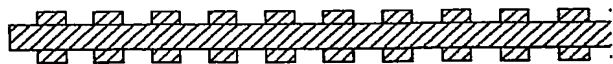
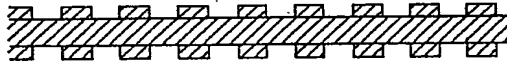


Figure35C

6677 6633 6633 6633

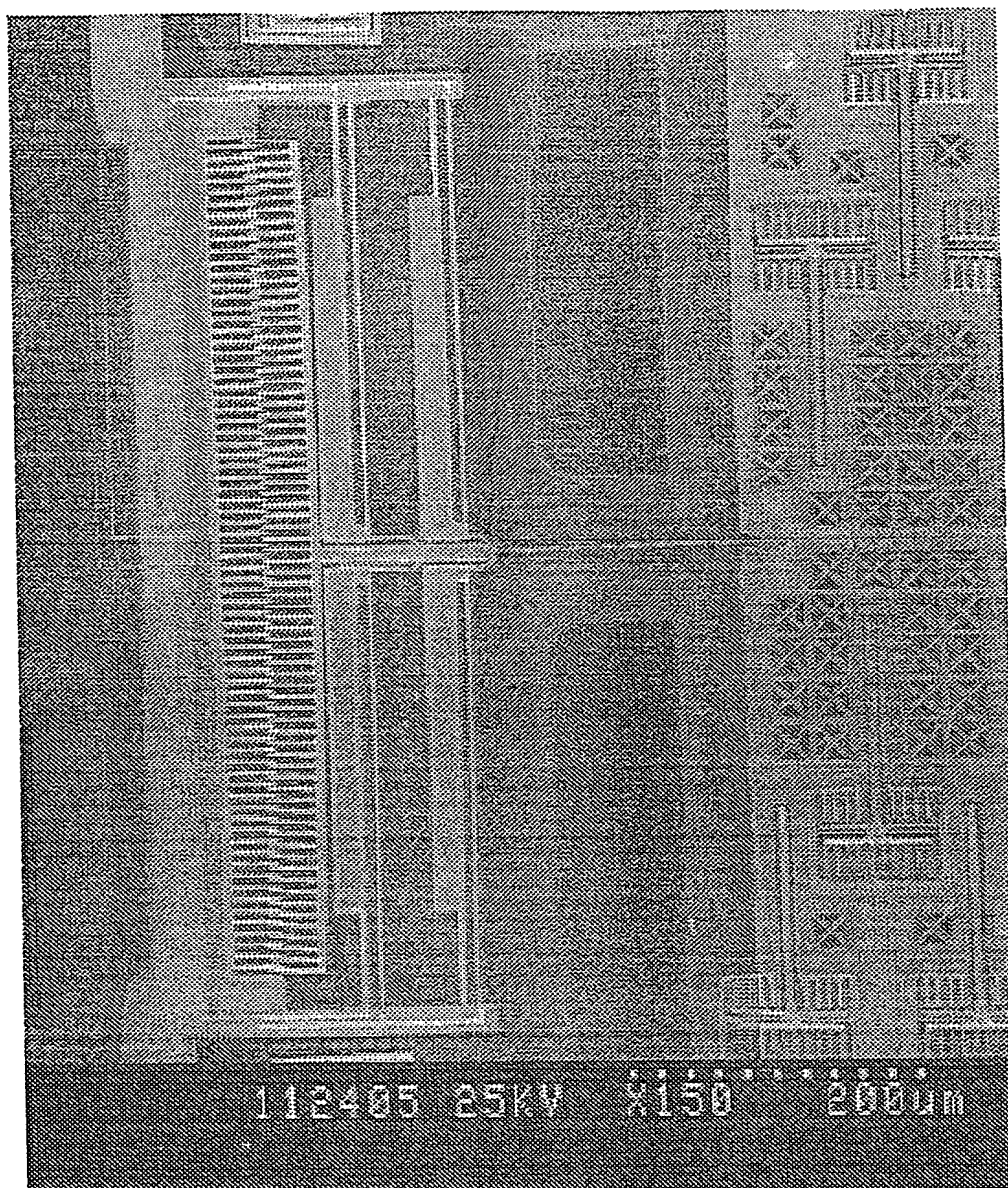


Figure 36

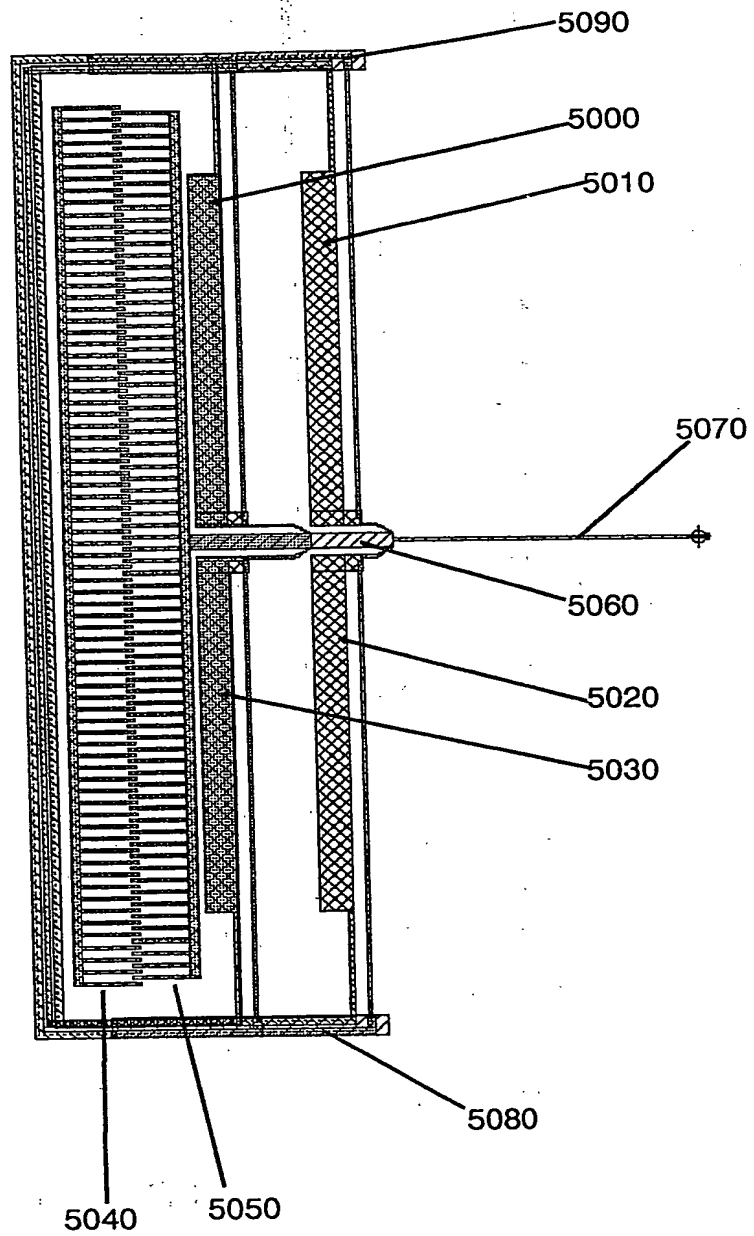


Figure 36B

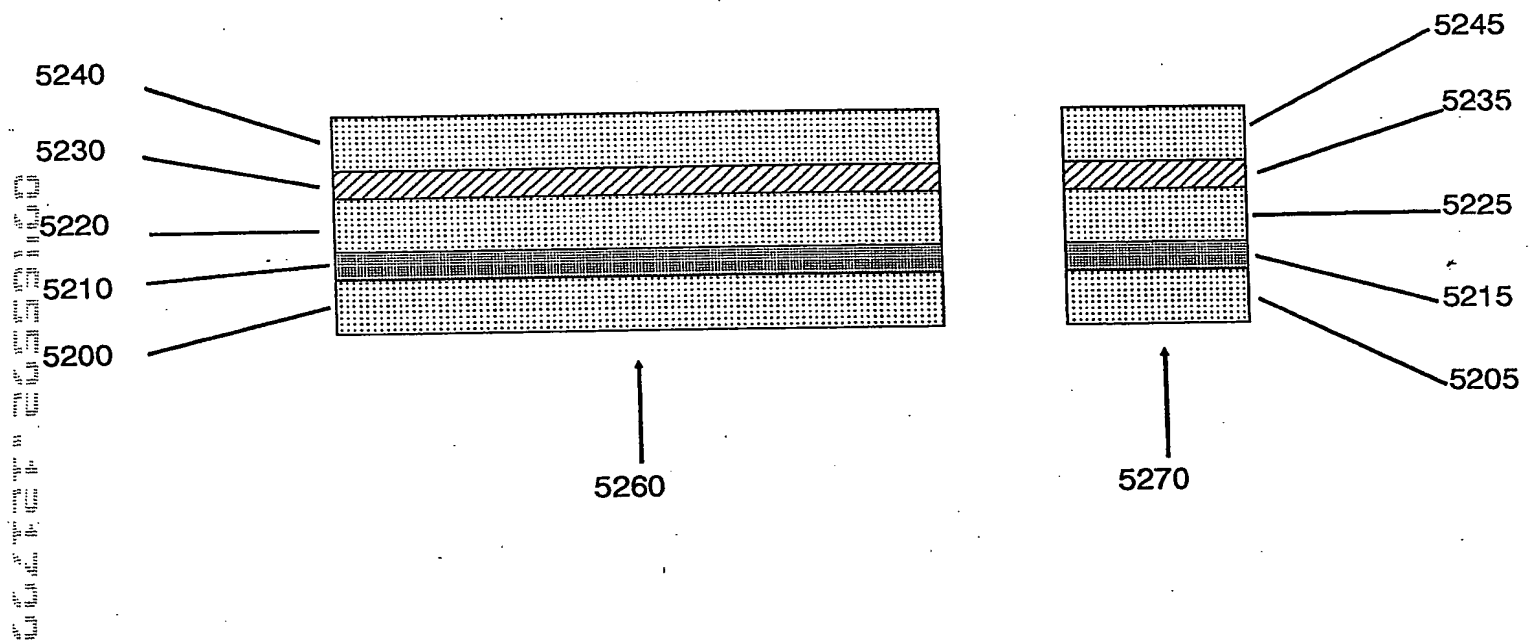


Figure 36C

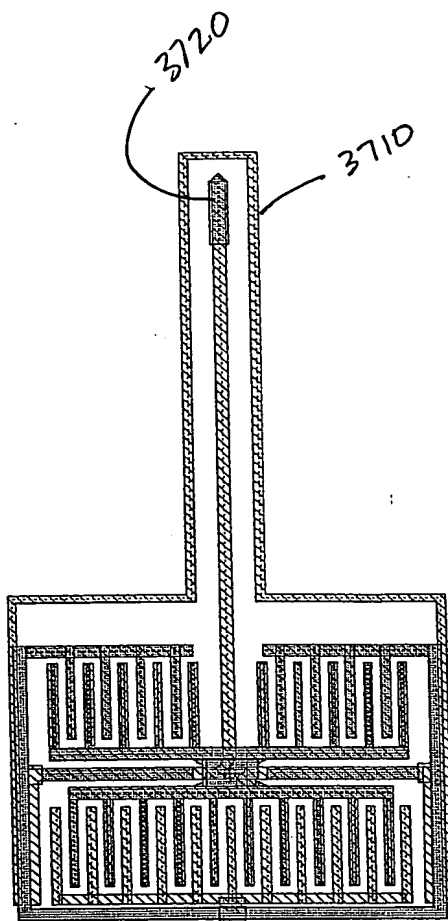


Figure 37

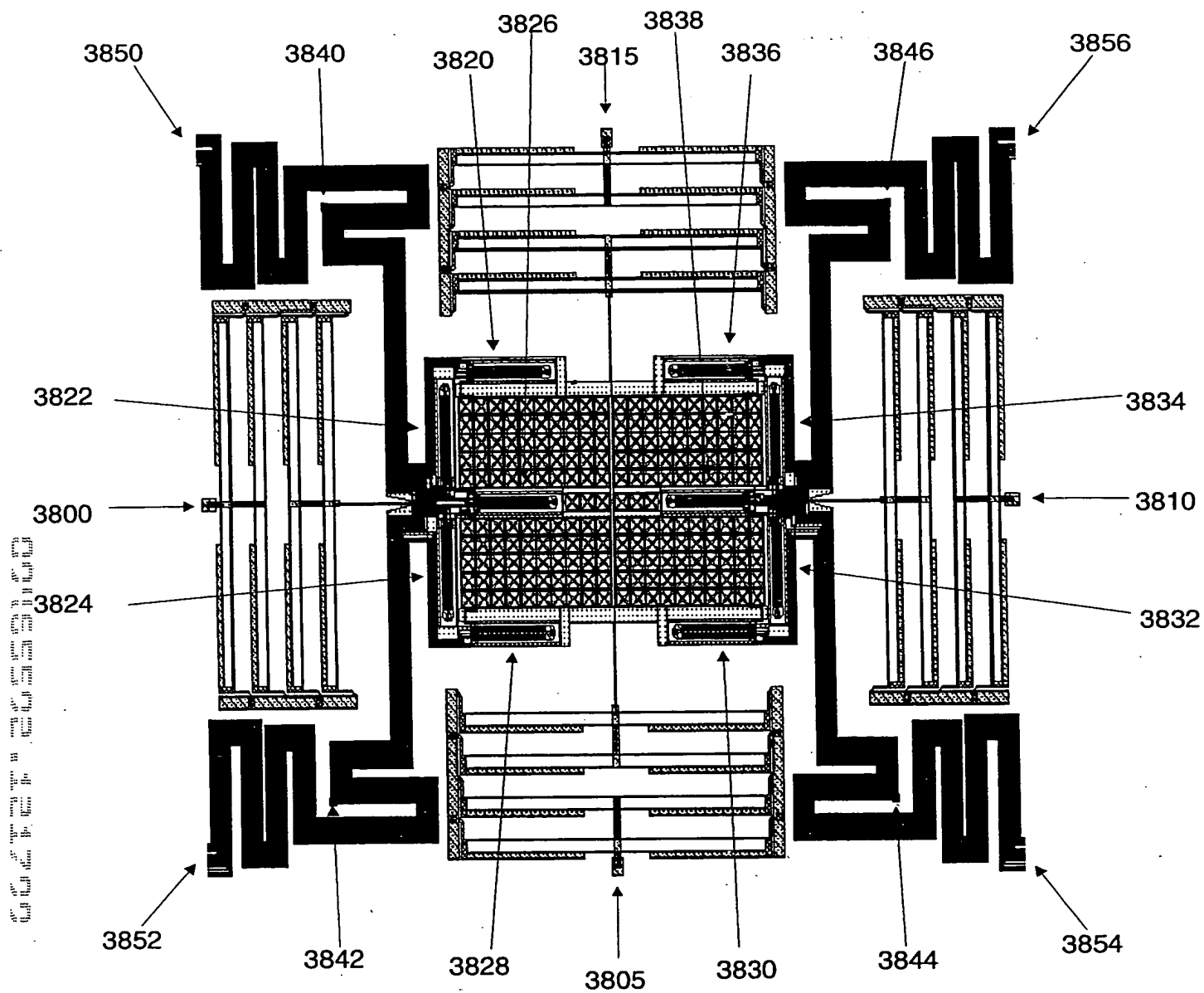


Figure 38

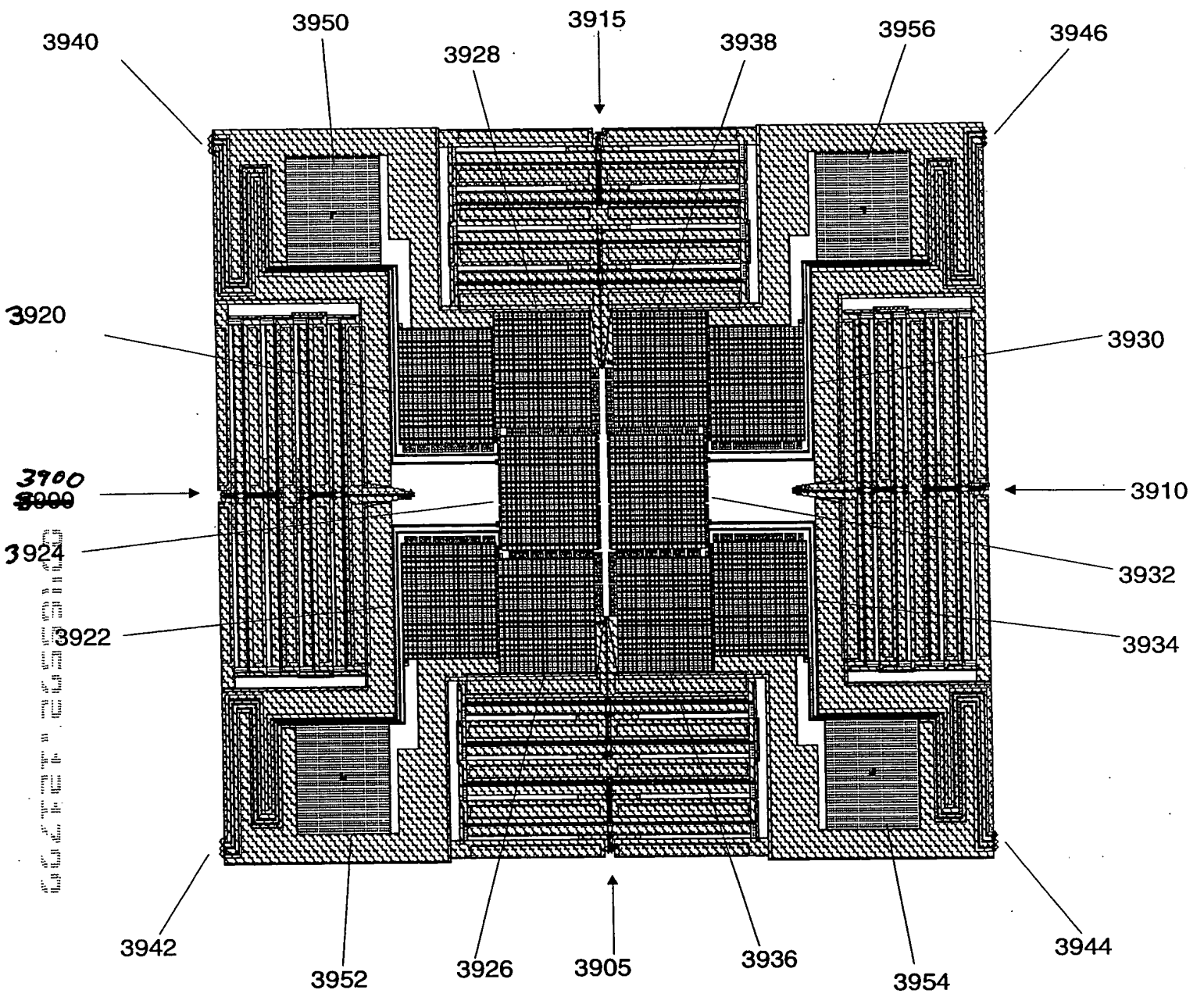


Figure 39

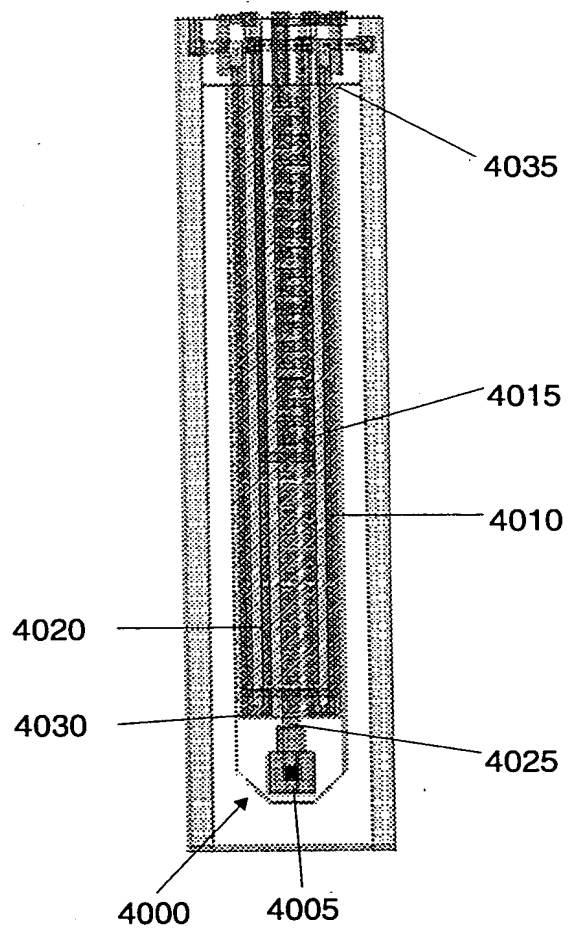


Figure 40

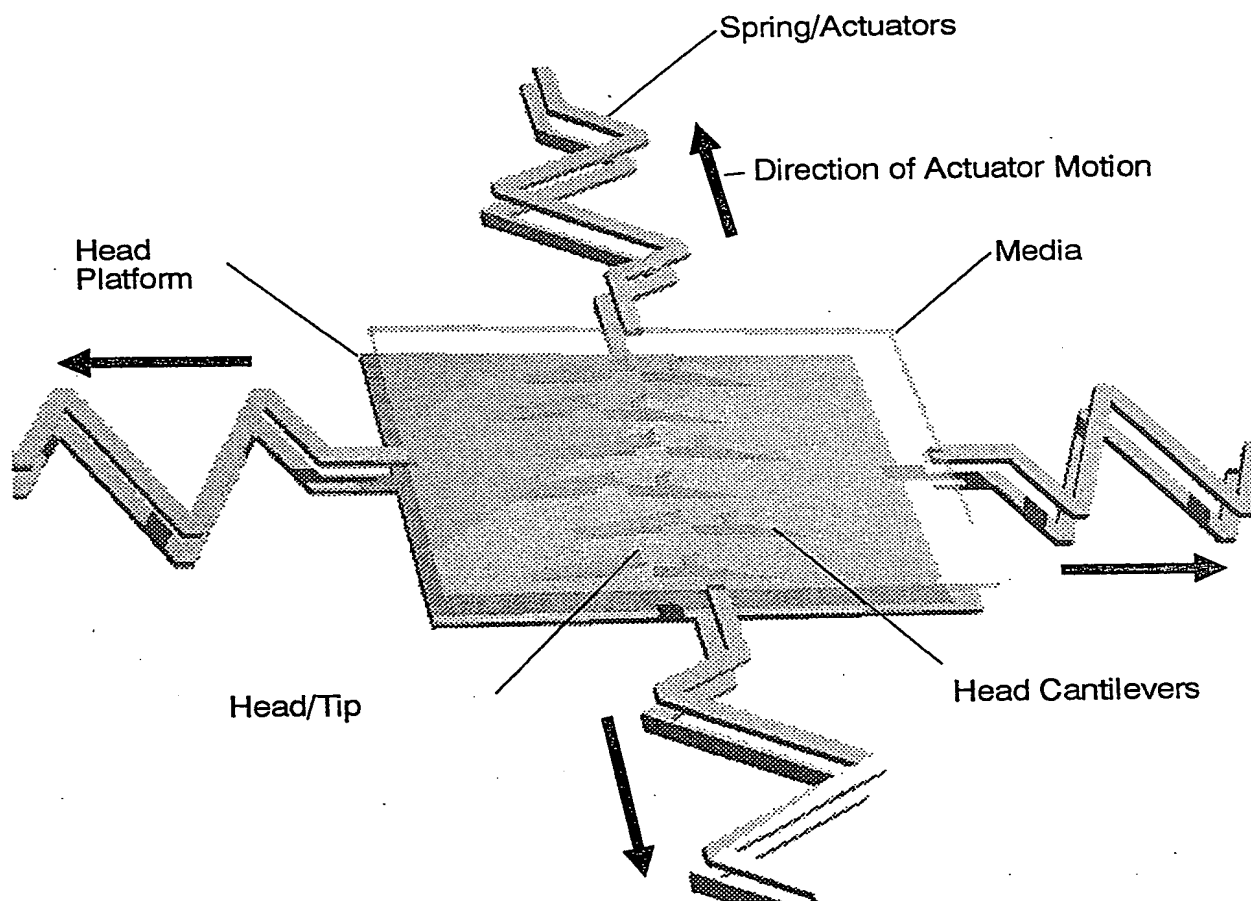
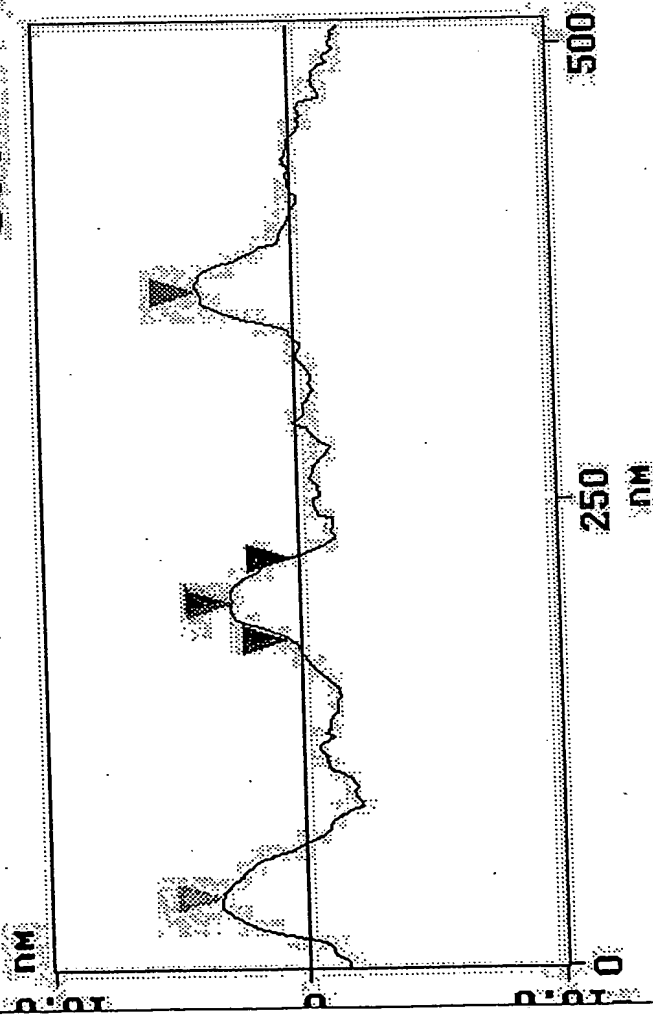


Fig. 41

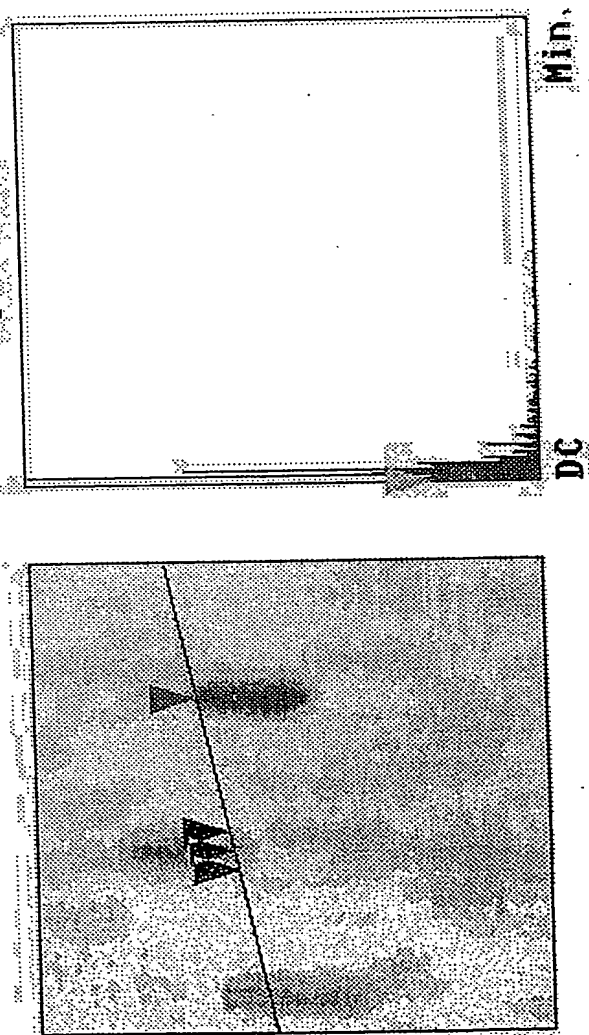
Section Analysis

Figure 42A



L	43.389 nm
RMS	0.782 nm
Ic	DC
Ra(Ic)	0.622 nm
Rmax	2.404 nm
Rz	2.404 nm
Rz Cnt	2

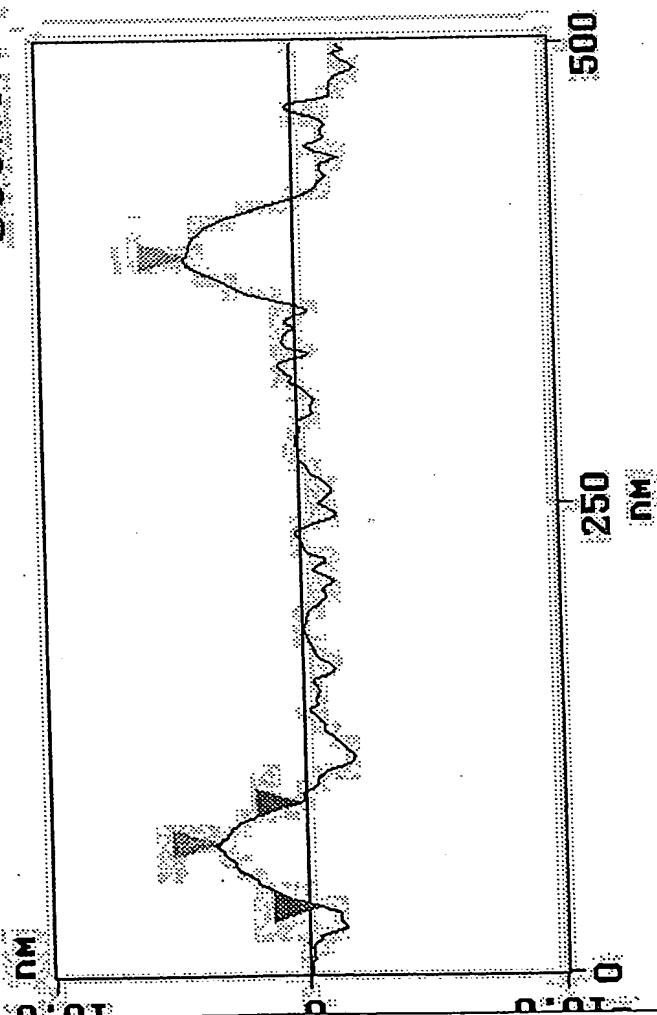
Spectrum



Surface distance	160.85 nm
Horiz distance	159.75 nm
Vert distance	-0.585 nm
Angle	0.203 deg
Surface distance	170.78 nm
Horiz distance	169.61 nm
Vert distance	1.092 nm
Angle	0.369 deg
Surface distance	43.825 nm
Horiz distance	43.389 nm
Vert distance	0.094 nm
Angle	0.124 deg
Period	0.00
Freq	0.0 Hz
RMS amp	0.224 nm

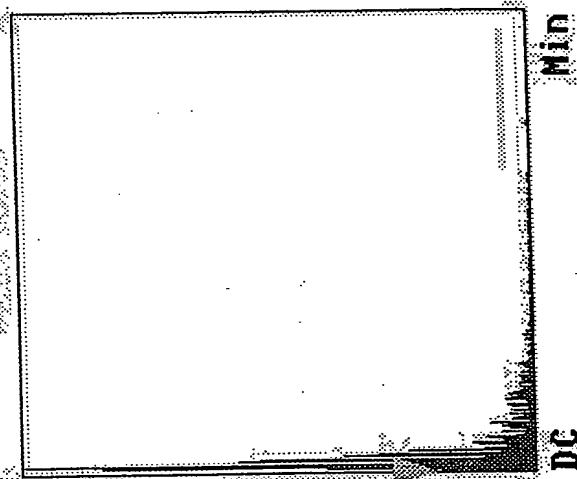
Figure 42B

Section Analysis



L	54.688 nm
RMS	1.074 nm
IG	DC
Ra(1c)	0.786 nm
Rmax	3.790 nm
Rz	3.695 nm
Rz Cnt 2	

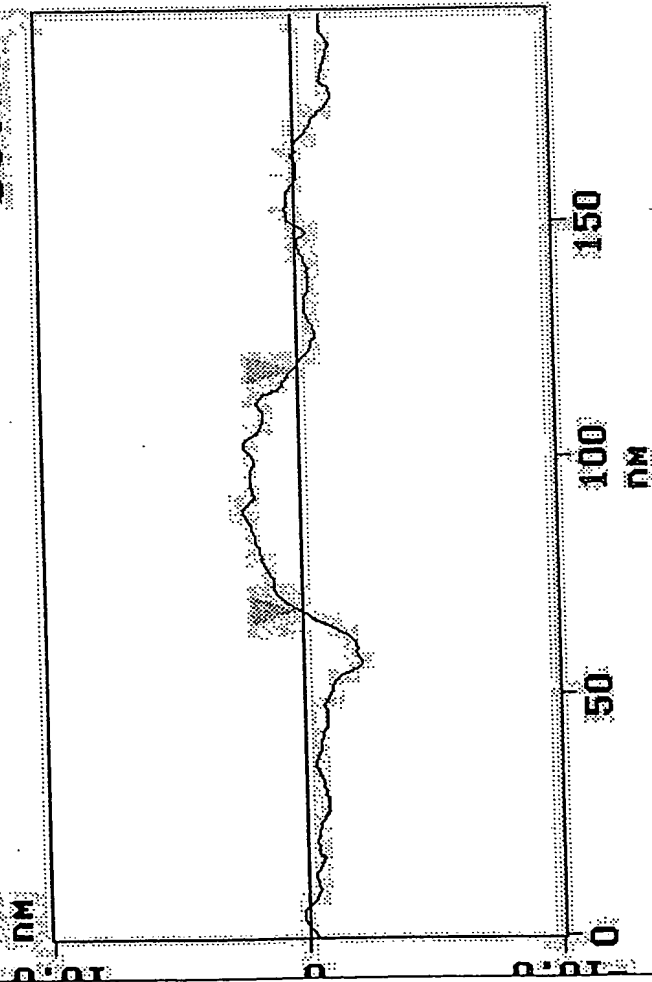
Spectrum



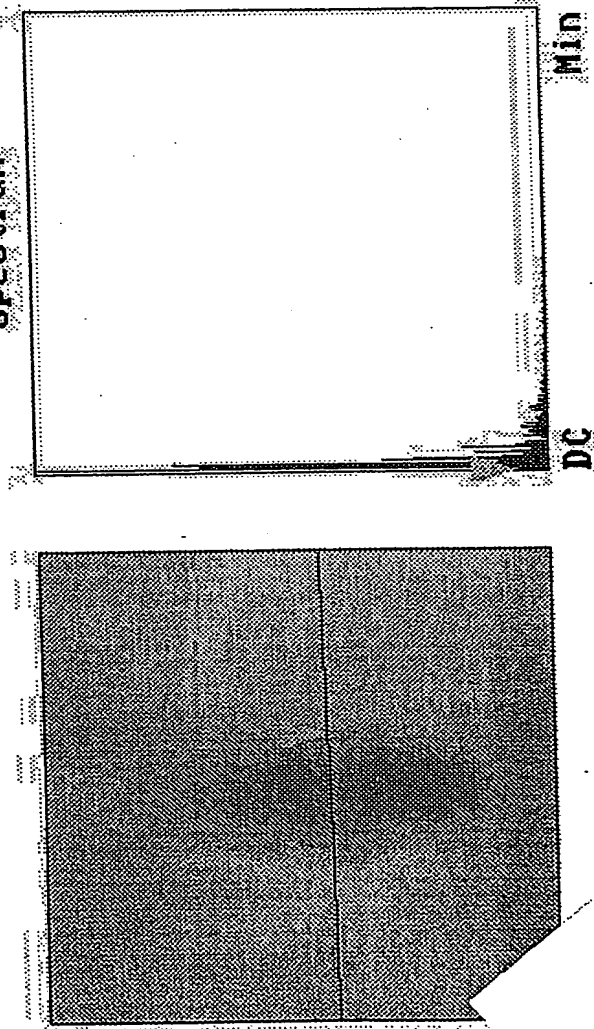
Surface distance	318.95 nm
Horiz distance	310.41 nm
Vert distance	0.760 nm
Angle	0.133 deg
Surface distance	55.387 nm
Horiz distance	54.688 nm
Vert distance	0.591 nm
Angle	0.619 deg
Surface distance	
Horiz distance	
Vert distance	
Angle	
Spectral	DC
Spectral	0 Hz
Spectral	0.165 nm

Section Analysis

Figure 42C



Spectrum



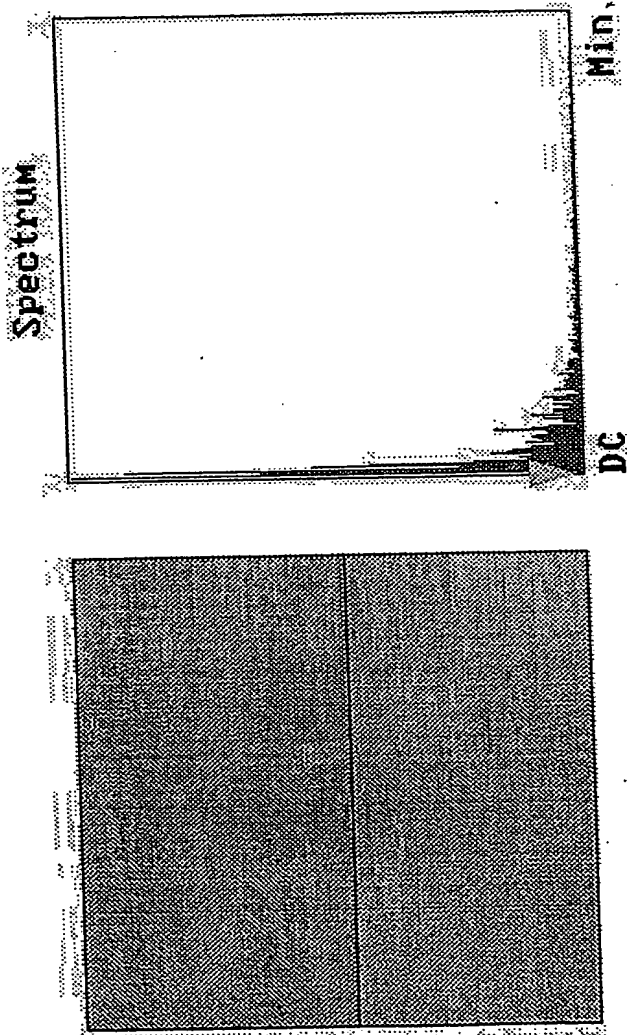
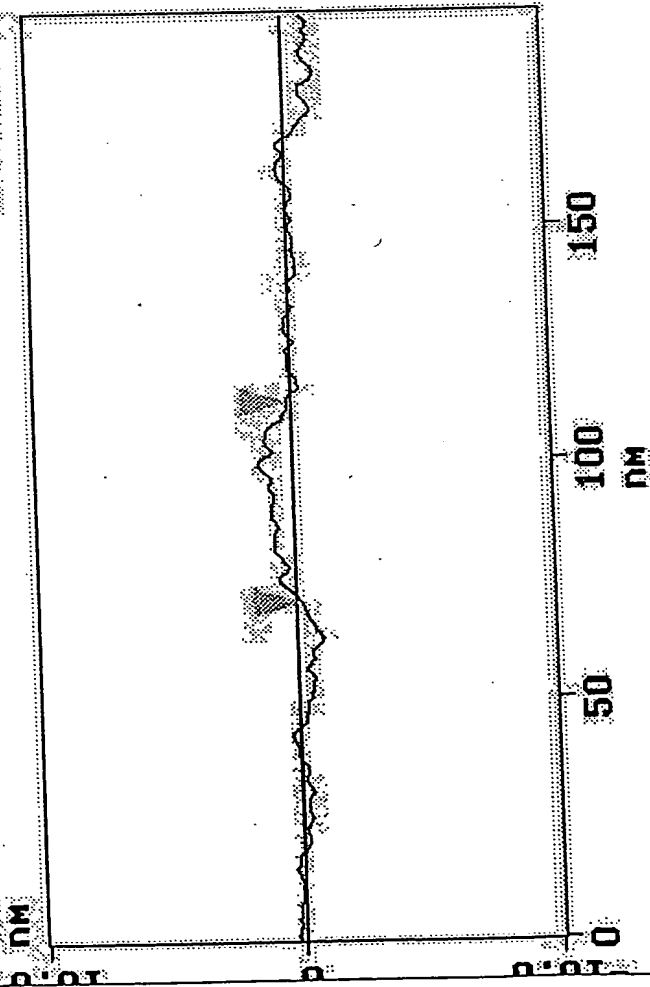
Surface distance	51.018 nm
Horiz distance	50.453 nm
Vert distance	0.0003 nm
Angle	0.0004 deg

Surface distance	51.018 nm
Horiz distance	50.453 nm
Vert distance	0.0003 nm
Angle	0.0004 deg

Cursor Marker Spectrum Zoom Center Line Offset Clear

Figure 42D

Section Analysis



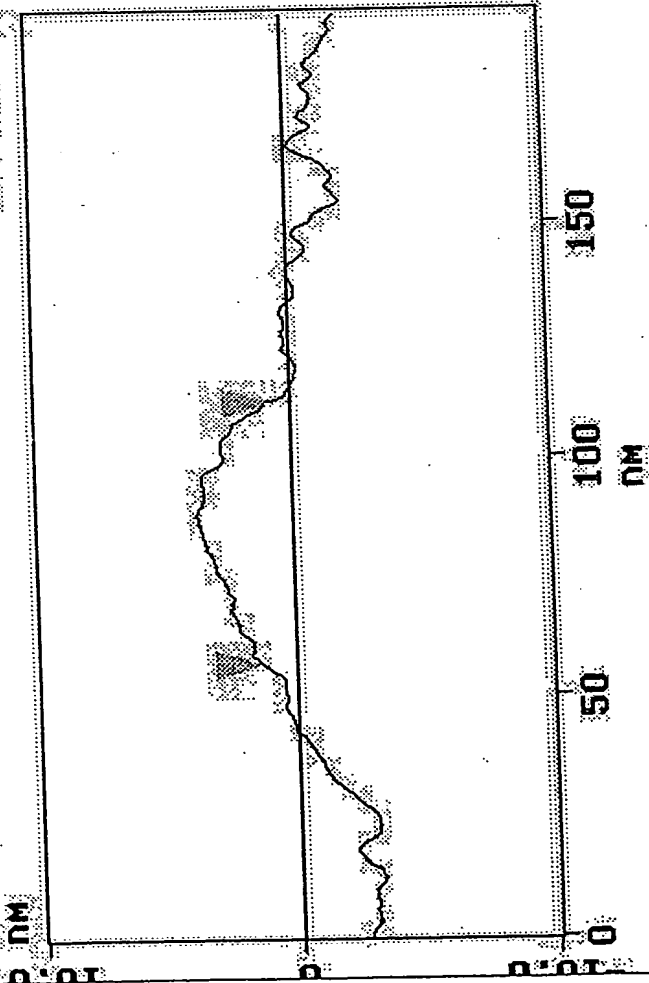
L	42.044 nm
RMS	0.335 nm
DC	
PA CLO	0.238 nm
RMS	1.355 nm
Rz	1.051 nm
Rz One 4	

Surface distance	42.553 nm
Horiz distance	42.044 nm
Vert distance	0.311 nm
Angle	0.424 deg
Surface distance	
Horiz distance	
Vert distance	
Angle	
Surface distance	
Horiz distance	
Vert distance	
Angle	
Spectral	
Spectral	
Spectral	
DC	
PA CLO	0.238 nm
RMS	1.355 nm
Rz	1.051 nm

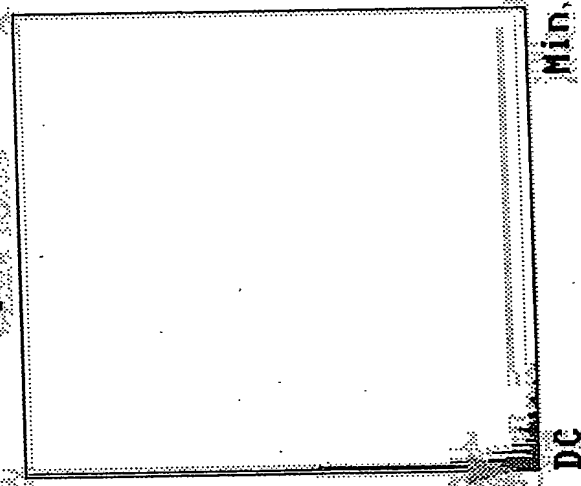
Cursor Marker Spectrum Zoom Center Line Offset Clear

Section Analysis

Figure 42E



Spectrum



L	55.039 nm
RMS	0.247 nm
1σ	DC
Ra (1σ)	0.587 nm
Rmax	3.081 nm
Rz	2.117 nm
Rz Out	4

Surface distance	55.739 nm
Horiz distance	55.039 nm
Vert distance	0.407 nm
Angle	0.423 deg
Surface distance	
Horiz distance	
Vert distance	
Angle	
Surface distance	
Horiz distance	
Vert distance	
Angle	
Spectral	period
Spectral	freq 0 Hz
Spectral	RMS amp 0.076 nm

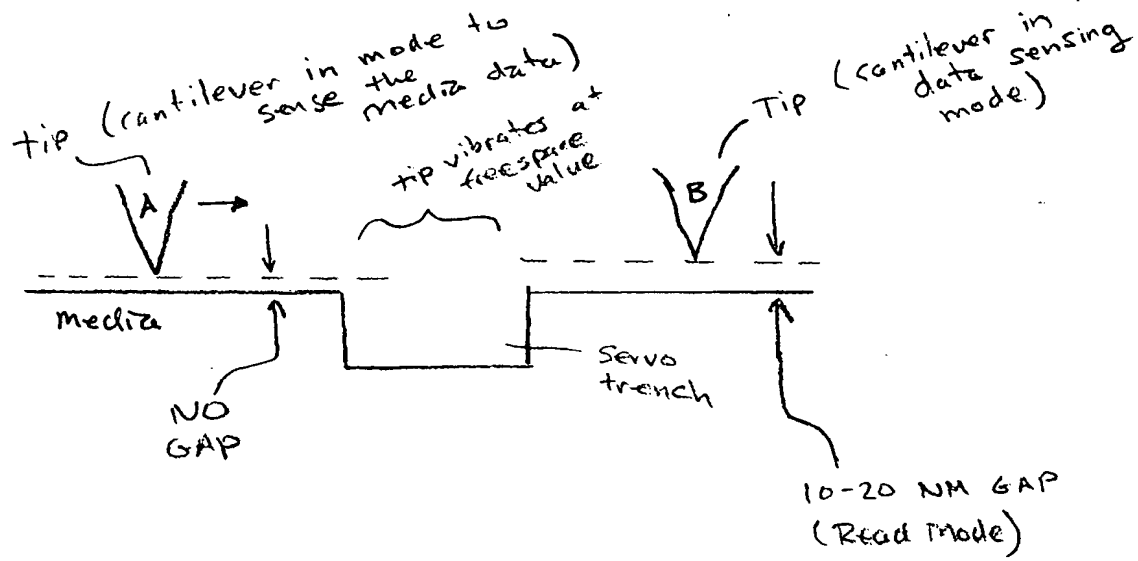


FIG. 44

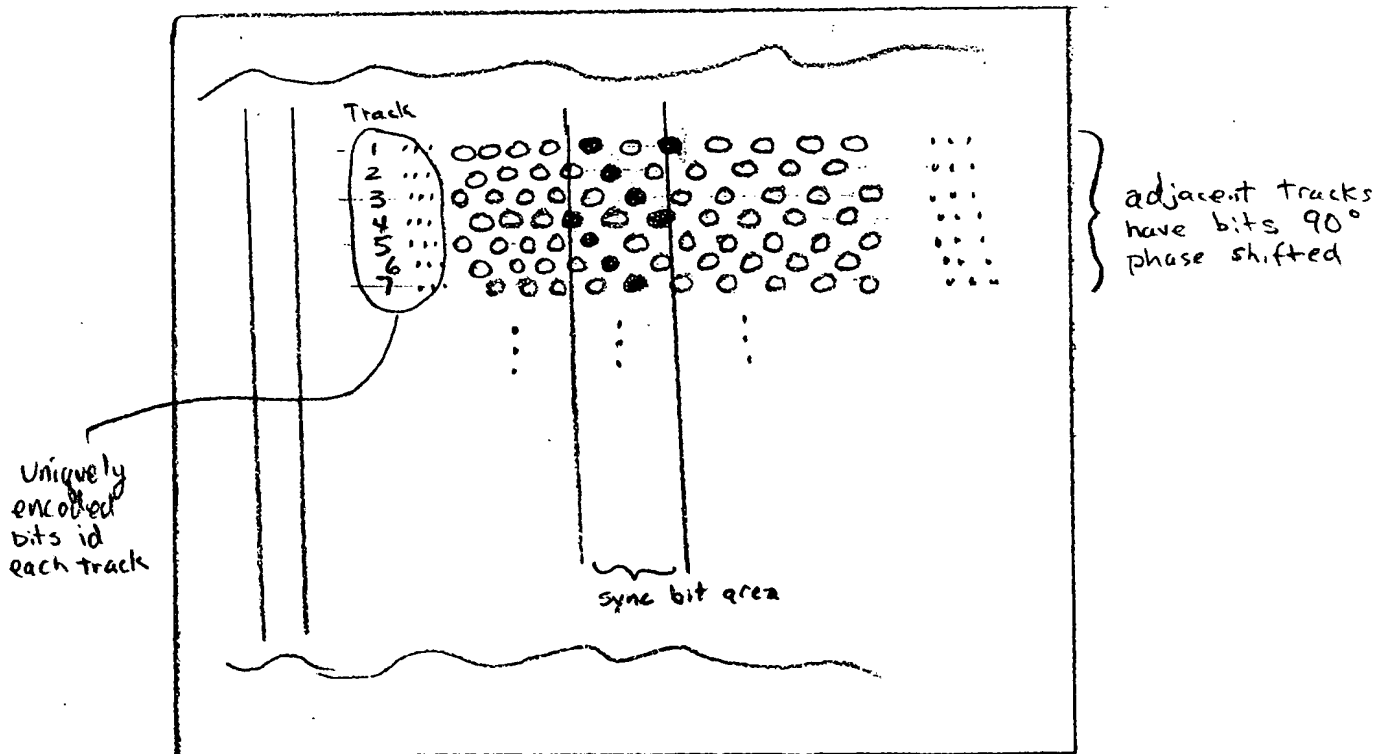


FIG. 43

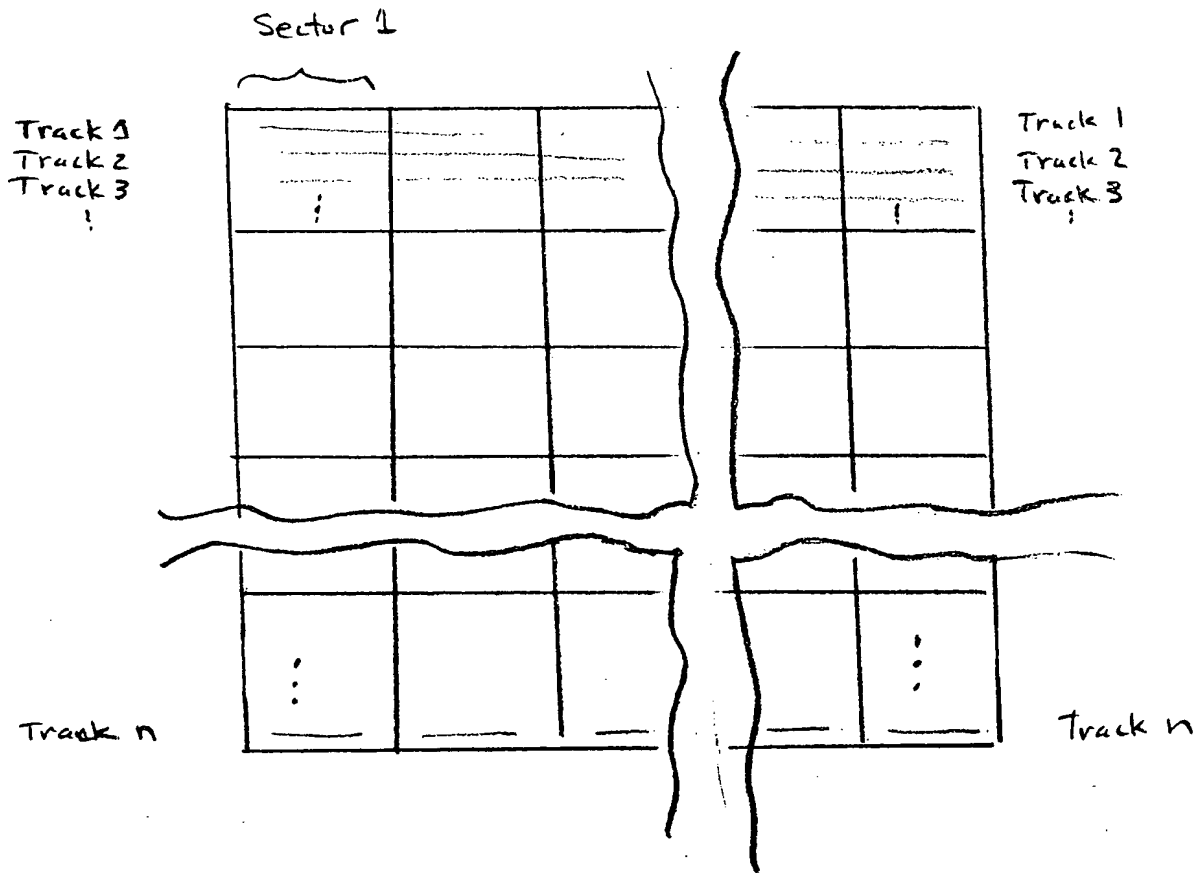


FIG. 45

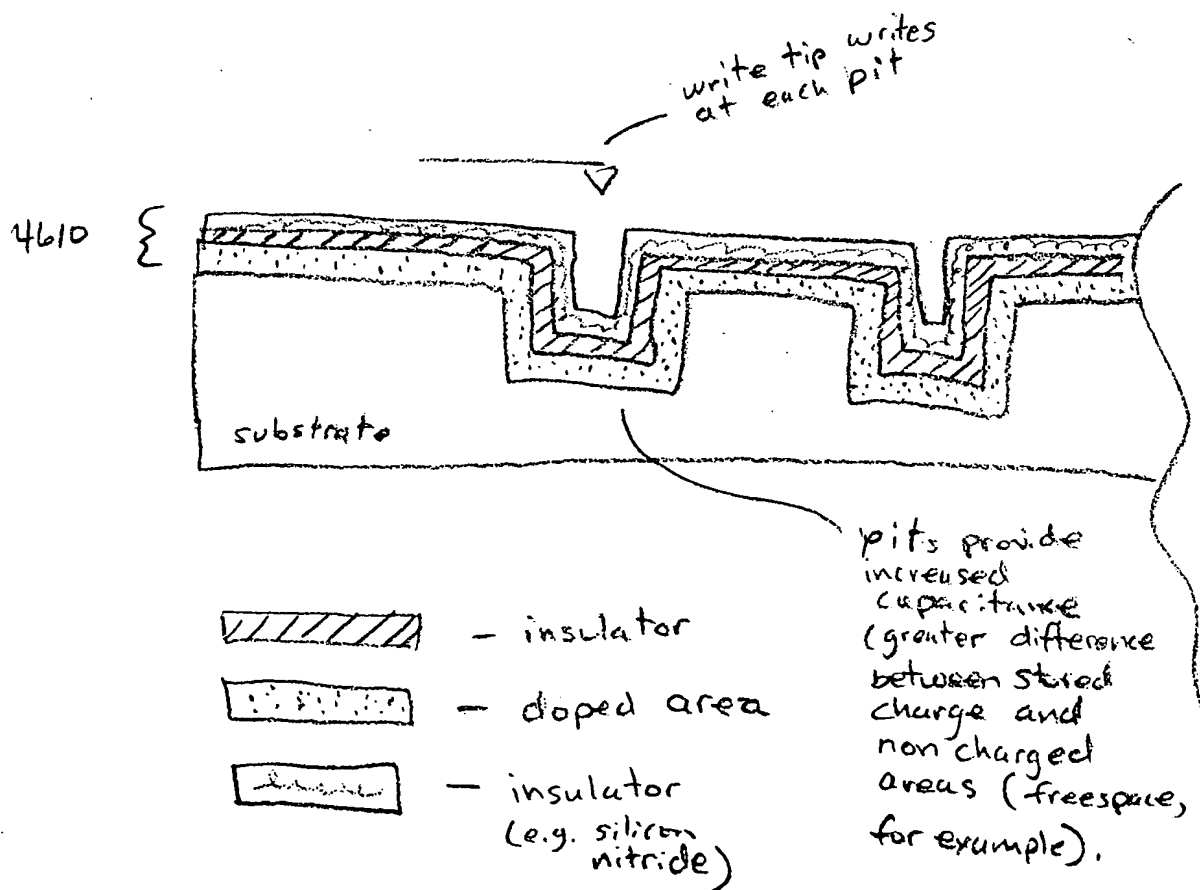
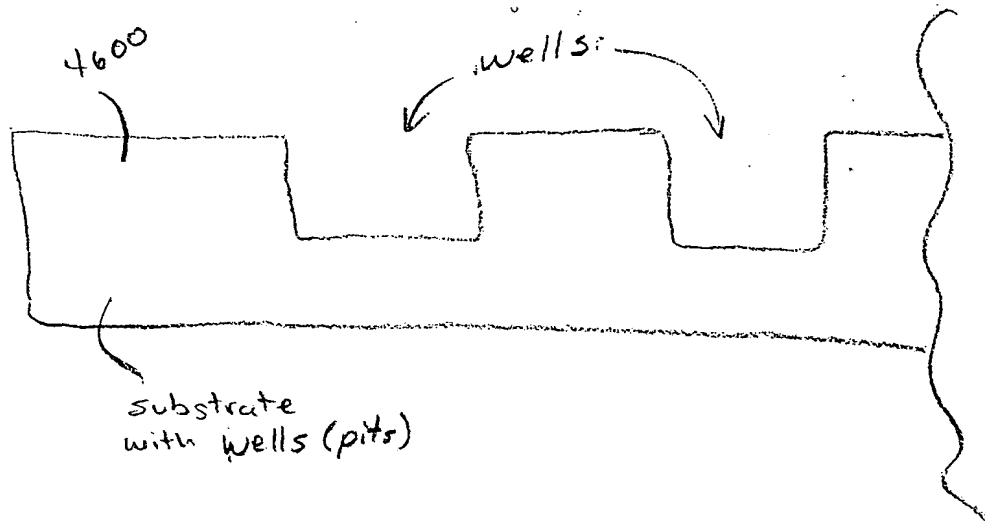
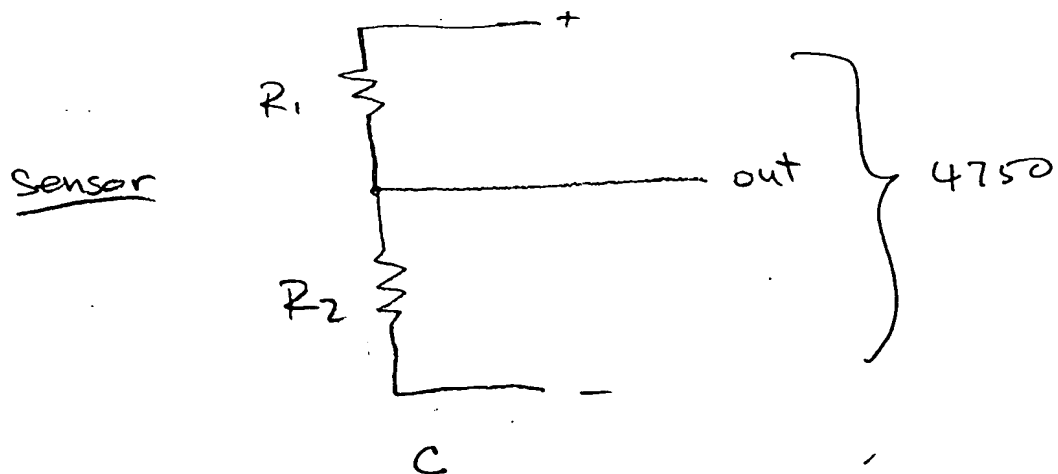
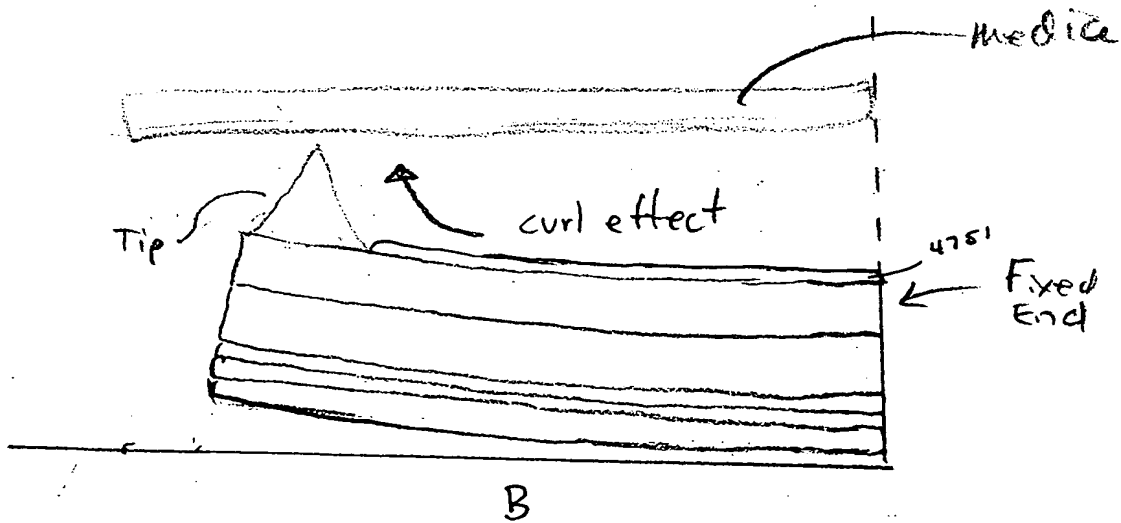
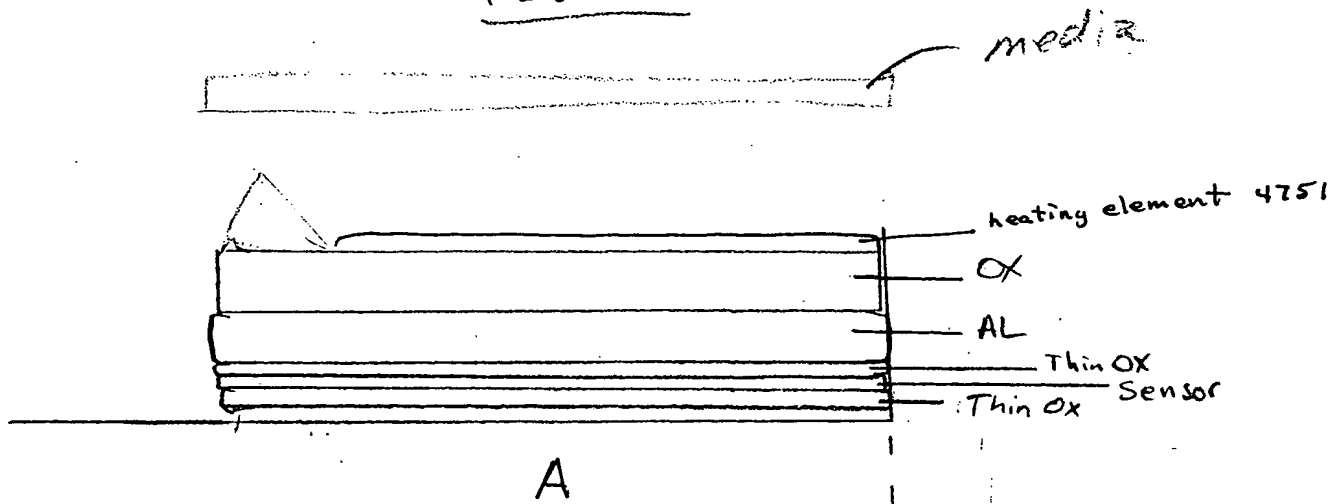


FIG. 46

FIG 47.



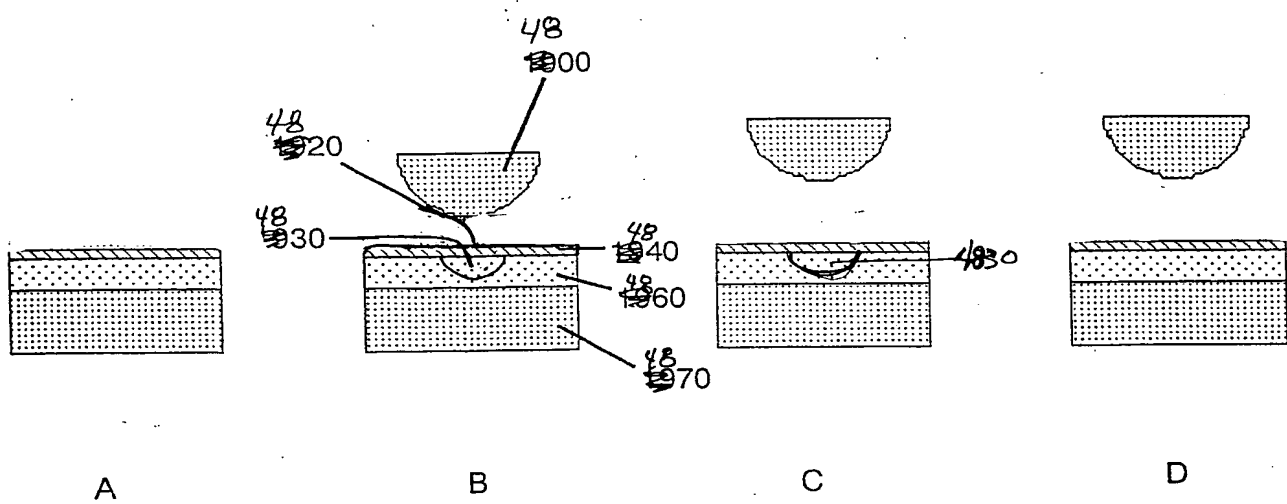
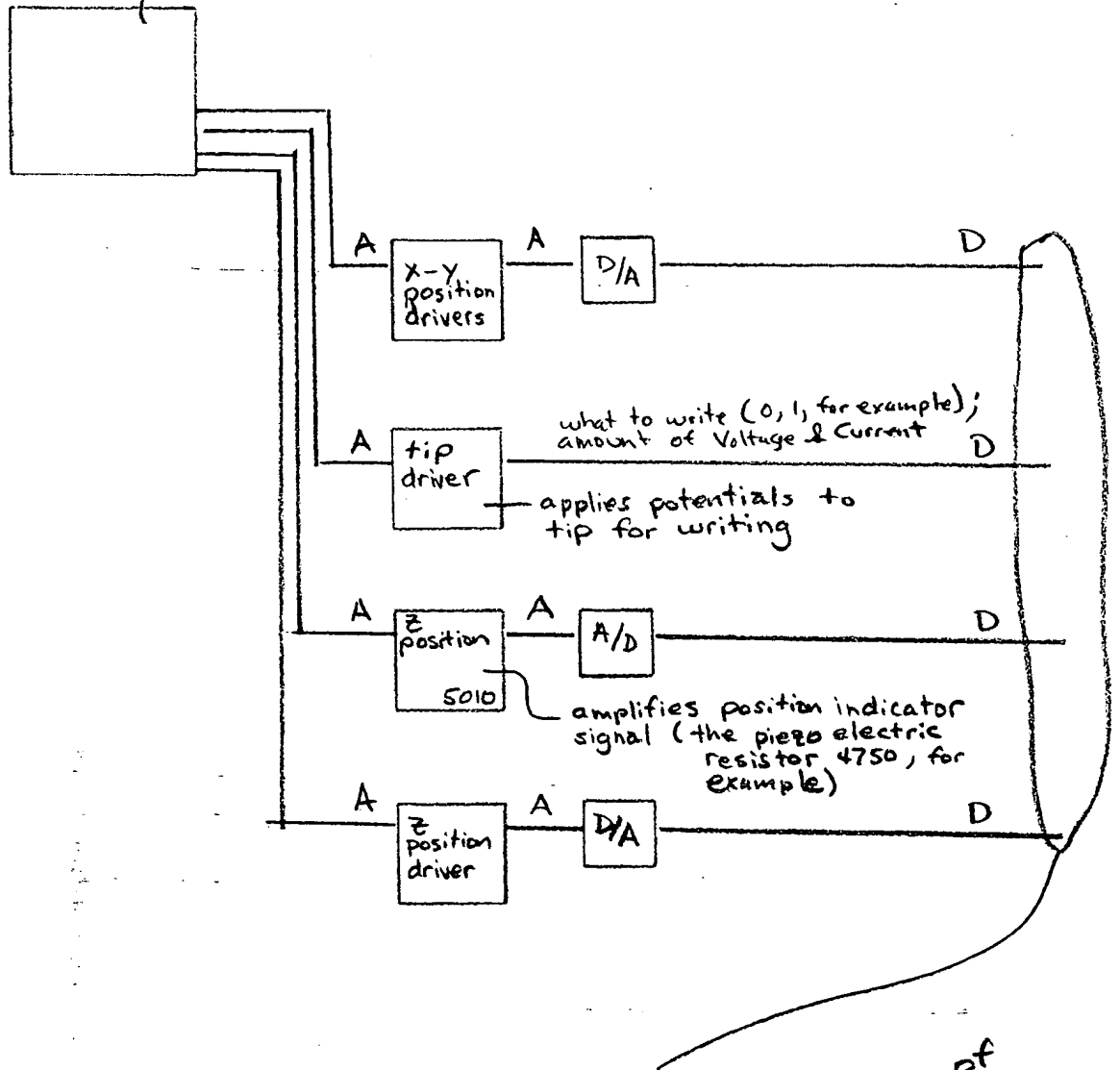


Fig. 49

media(s), platform(s), tips,
cantilevers, x-y actuators, etc.



Digital
Signals
provided by any one or more of
by DSP, hardware device,
microprocessor, etc.

FIG. 50